SERVICE MANUAL

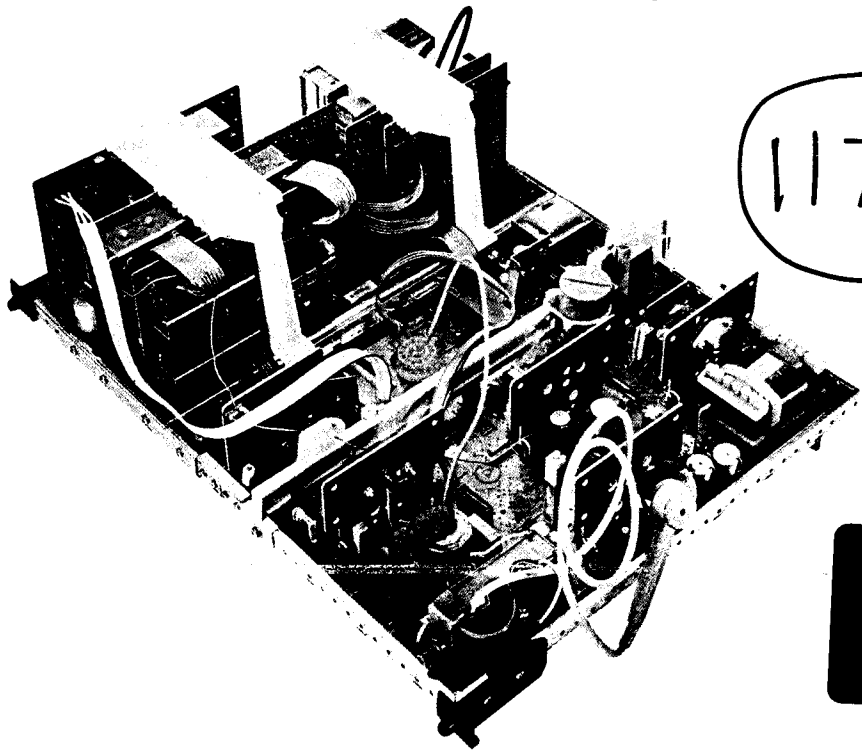
SKANTIC LUXOR

8203

CTV CHASSIS TYPE A2

TYPES 180 **6615**
6618
6714
6719

463



11703

[redacted]

— 195—265 V/125 W
50 Hz ONLY

— 2×7 W/4 Ω
13 W

— 75 Ω coaxial

— 4—4000 Ω

— 66 cm/110°
67 cm/110°

VHF I CH 2—4 III CH 5—12
UHV CH 21—69

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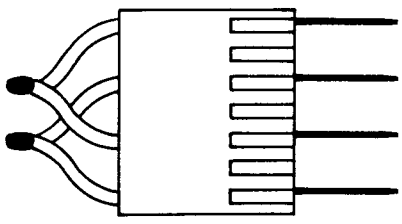
Justier- und Abgleichanweisung, siehe T6D-2T

SERVICEKONTAKT SERVICE-CONNECTOR SERVICE-KONTAKT



Använd servicekontakten vid service av mottagaren. Detta för att undvika att muting och frånslagsautomatik skall kopplas in.

Use the service-connector when servicing the receiver. This to avoid switch on of muting and switch-off automatic.

Verwenden Sie bei Reparatur-Arbeiten den Service-Kontakt. Sie verhindern dadurch, dass die Muting- und Abschalt-Automatik in Funktion tritt.

MOTTAGARENS SERVICELÄGE

BAKSTYCKETS BORTTAGANDE

För in en skruvmejsel i de två hålen(A) på bakstycket och vrid medurs till spärren lossar. Lyft därefter bakstycket av hakarna(B). (Se fig. 1)

BASKORTETS UTFÄLLNING TILL SERVICELÄGE

Lossa de båda skruvarna(C). Lösgör baskortet genom att lyfta de båda baskortshållarna(D) uppåt. Genom att försiktigt fälla baskortet bakåt, kan kortet ställas i två servicelägen. (Se fig. 2)

MANÖVERPANELEN OCH HÖRTELEFONUTTAGETS BORTTAGANDE

6615/6618
Skruva bort de fyra skruvarna(E) och tag bort plåten(F). Därefter kan manöverpanelen dras ut. (Se fig. 3)

6615/6618/6714/6719
Skruva bort skruvarna(G) och tag bort plåten(H). Därefter kan hörtelefonenheten skruvas bort. (Se fig. 3)

6714/6719
Tryck på de fyra spärrarna(I) i pilens riktning och tag ut manöverpanelen. (Se fig. 4)

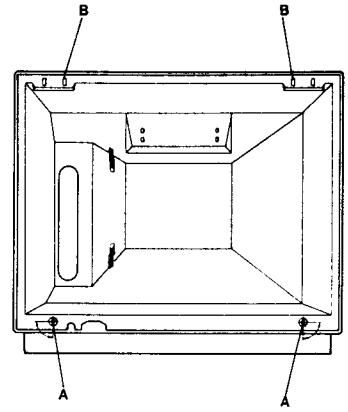


Fig. 1

SERVICING POSITIONS OF RECEIVER

REMOVING THE BACK COVER

Insert a screwdriver in the two holes(A) on the back cover and turn clockwise until the catch opens. Then lift the back cover out of the hooks(B). (See fig. 1)

SETTING THE MAIN P.C. BOARD TO SERVICING POSITIONS

Slacken the two screws(C). Free the main P.C. board by lifting the two boards retainer(D). By carefully pulling the board backwards, it can be set to two diffrent servicing positions. (See fig. 2)

REMOVING THE CONTROL PANEL AND THE EARPHONE JACK

6615/6618
Remove the four screws(E) and lift of the plate(F). Then the control panel can be drown out. (See fig. 3)

6615/6618/6714/6719
Remove the screws(G) and lift of the plate(H). Then the earphone jack-unit can be removed. (See fig. 3)

6714/6719
Push, in the arrows direction the four catches(I) and remove the control panel. (See fig. 4)

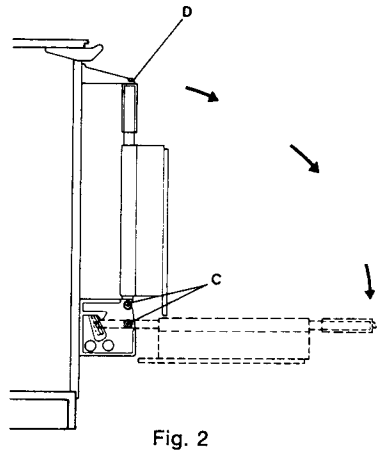


Fig. 2

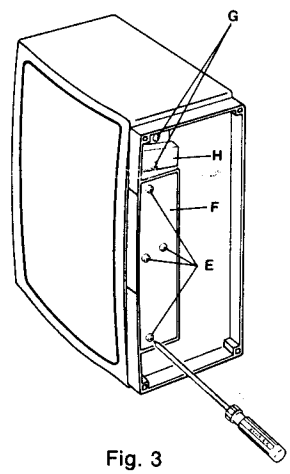


Fig. 3

SERVICELAGE DES EMPFÄNGERS

ENTFERNUNG DER RUCKWAND

Führen Sie einen Schraubenzieher nacheinander in die zwier Schlitze(A) der Rückwand ein und drehen Sie ihn soweit nach rechts, bis die Sperren öffnen. Heben Sie danach die Rückwand von den haken(B) ab. (Siehe Fig. 1)

HERAUSKLAPPEN DER BASISPLATINE IN DIE SERVICE LAGE

Lösen Sie die beiden Schrauben(C). Lösen Sie die Basisplatine indem Sie die beiden Halterungen(D) nach oben drucken. Die Basisplatine lüst sich unn leicht nach hinten herausklappen und in zwei Service-Stelleungen festsetzen. (Siehe Fig. 2)

AUSBAU DER BEDIENUNGSEINHEIT UND DES KOPFHÖRER-ANSCHLUSS

6615/6618
Drehen Sie die vier Schrauben(E) heraus und entfernen Sie das Blech(F). Hiernach Können Sie die Bedienungseinheit herausziehen. (Siehe Fig. 3)

6615/6618/6714/6719
Drehen Sie die Schrauben(G) heraus und entfernen Sie das Blech(H). Danach Können Sie den Kopfhörer-Anschluss abschrauben. (Siehe Fig. 3)

6714/6719
Drücken Sie in Pfeilrichtung auf die vier Sperren(I). Ziehen Sie danach die Bedienungseinheit heraus. (Siehe Fig. 4)

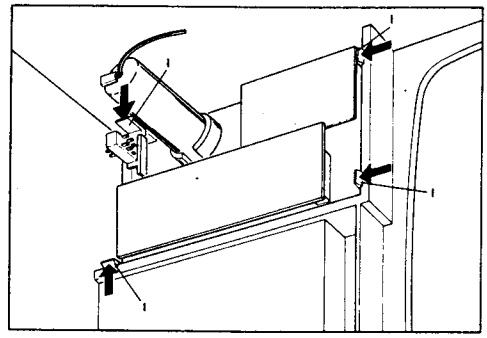


Fig. 4

RESERVDELSLISTA

V. g. uppge alltid vid beställning:
Artikelnummer, benämning, typ och serie.

SPARE PARTS LIST

When ordering please always state:
Part No, description, model and series.

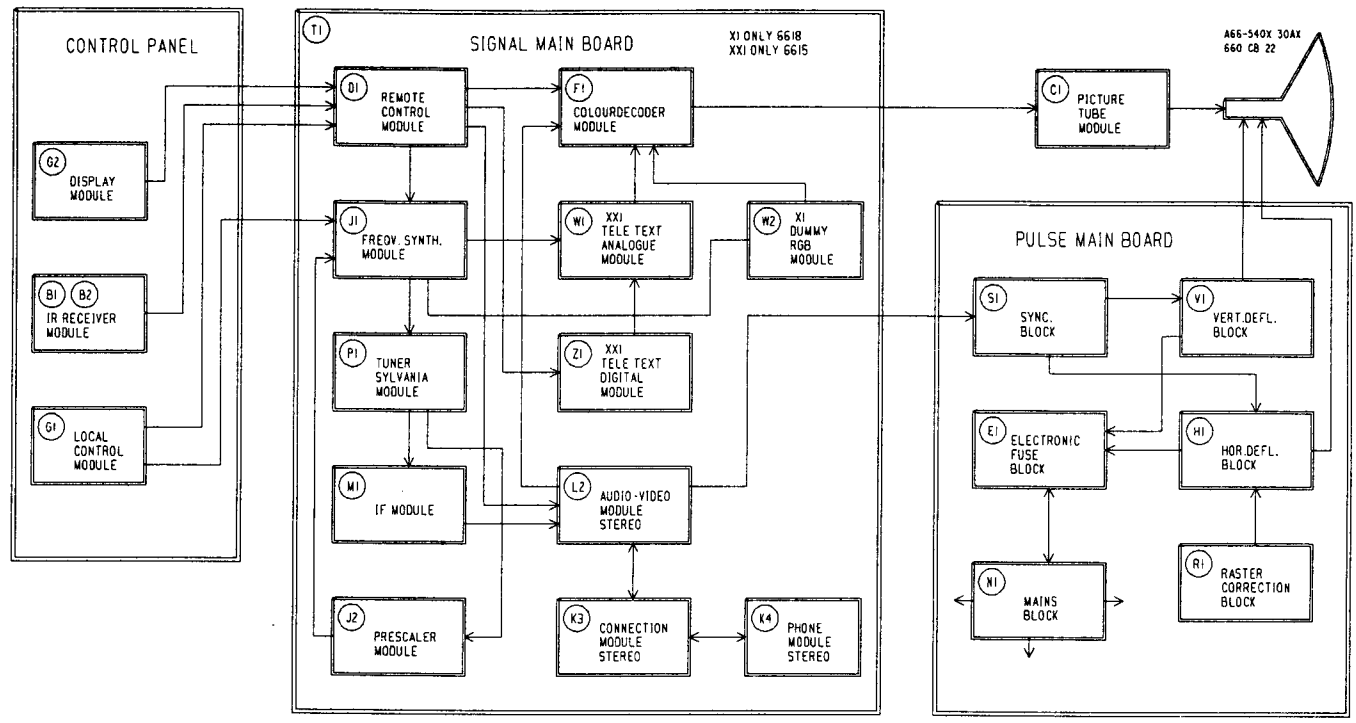
ERSATZTEILLISTE

Bei Bestellung bitte stets angeben:
Artikelnummer, Bezeichnung, Gerätetyp und Serie.

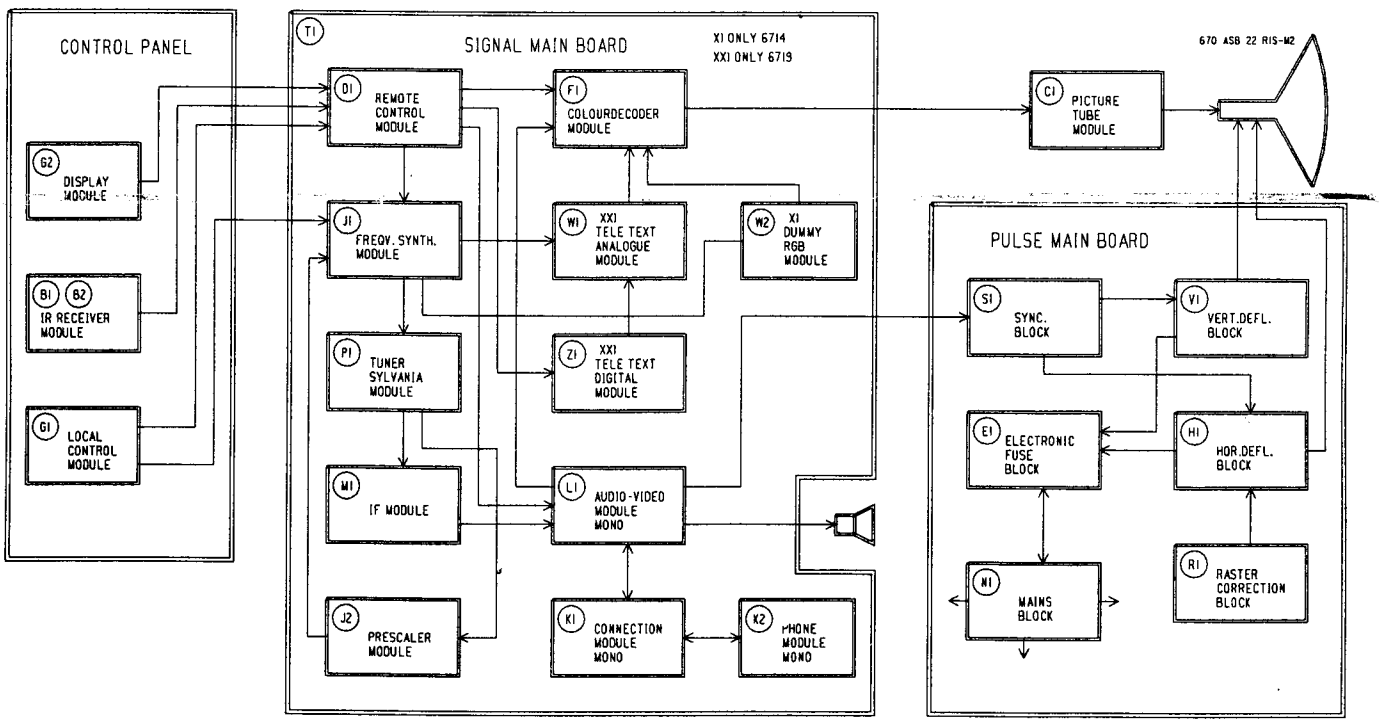
Artikel nr Part no Artikel Nr	Benämning	Description	Bezeichnung
55 20704-01	Bildrörsanslutning	Picture tube connection	Bildröhreanschluss
55 20787-01	Baskort Puls	Puls Main board	Puls-Basisplatine
55 30598-01	MF-modul	IF-module	ZF-Modul
55 30598-09	MF-modul (England)	IF-module (England)	ZF-Modul (England)
55 20731-01	Baskort Signal	Signal Main board	Signal-Basisplatine
55 20715-01	Färgdekoder P-2	Colour decoder P-2	Farbdekoder P-2
55 20720-01	Anslutningsmodul MONO/STEREO	Connection module MONO/STEREO	Anschluss-Modul MONO/STEREO
55 20717-01	Audio-Videomodul STEREO	Audio-Video module STEREO	Audio-Video Modul STEREO
55 20716-01	Audio-Videomodul MONO	Audio-Video module MONO	Audio-Video Modul MONO
55 20724-01	Hörtelefonmodul MONO	Phone module MONO	Kopfhörer-Modul MONO
55 20724-02	Hörtelefonmodul STEREO	Phone module STEREO	Kopfhörer-Modul STEREO
55 20740-01	HF-delare	Prescaler	HF-Teiler
55 20729-01	Frekvenssyntesmodul	Frequence Synth module	Frequenz-Synthes-Modul
55 20728-01	Fjärrkontrollmodul	Remote control module	Fernsteur-Modul
55 20736-01	Displaymodul	Display module	Anzeige-Modul
55 20493-11	IR-mottagaremodul	IR-receiver module	IR-Empfänger Modul
55 20493-12	IR-mottagaremodul	IR-receiver module	IR-Empfänger Modul
55 20737-01	Manövermodul	Local control module	Bedienungs-Modul
55 20734-01	Digitalmodul	Digital module	Digital-Modul
55 20734-08	Digitalmodul (Tyskland)	Digital module (Germany)	Digital-Modul (Deutchland)
55 20734-09	Digitalmodul (England)	Digital module (England)	Digital-Modul (England)
55 20735-01	Analogmodul	Analogous module	Analog-Modul
55 20723-01	Dummy RGB	Dummy RGB	Dummy RGB
56 90064-11	Kanalväljare	Tuner	Kanalwähler
56 70028-11	Kanalväljare (6618)	Tuner (6618)	Kanalwähler (6618)
56 96615-01	Manöverpanel (Luxor 6615,6618)	Control panel (Luxor 6615,6618)	Bedienungspaneel (Luxor 6615,6618)
56 96615-21	Manöverpanel (Skantic 6615,6618)	Control panel (Skantic 6615,6618)	Bedienungspaneel (Skantic 6615,6618)
56 96714-01	Manöverpanel (Luxor 6714,6719)	Control panel (Luxor 6714,6719)	Bedienungspaneel (Luxor 6714,6719)
56 96714-21	Manöverpanel (Skantic 6714,6719)	Control panel (Skantic 6714,6719)	Bedienungspaneel (Skantic 6714,6719)
190 9013-10	Sändare (Luxor 6615)	Transmitter (Luxor 6615)	Sender (Luxor 6615)
190 9013-20	Sändare (Skantic 6615)	Transmitter (Skantic 6615)	Sender (Skantic 6615)
190 9011-10	Sändare (Luxor 6618)	Transmitter (Luxor 6618)	Sender (Luxor 6618)
190 9010-10	Sändare (Luxor 6714)	Transmitter (Luxor 6714)	Sender (Luxor 6714)
190 9010-20	Sändare (Skantic 6714)	Transmitter (Skantic 6714)	Sender (Skantic 6714)
190 9012-10	Sändare (Luxor 6719)	Transmitter (Luxor 6719)	Sender (Luxor 6719)
190 9012-20	Sändare (Skantic 6719)	Transmitter (Skantic 6719)	Sender (Skantic 6719)
96 00026-01	Batteri 9 V	Battery 9 V	Batterie 9 V
40 96615-15	Emballage (Luxor 6615,6618)	Packing (Luxor 6615,6618)	Verpackung (Luxor 6615,6618)
40 96615-25	Emballage (Skantic 6615)	Packing (Skantic 6615)	Verpackung (Skantic 6615)
40 96714-15	Emballage (Luxor 6714,6719)	Packing (Luxor 6714,6719)	Verpackung (Luxor 6714,6719)
40 96714-25	Emballage (Skantic 6714,6719)	Packing (Skantic 6714,6719)	Verpackung (Skantic 6714,6719)
66 76615-10	Bruksanvisning, Text-TV (Luxor)	Operating instructions,Tele-text TV (Luxor)	Bedienungsanleitung, Videotext TV (Luxor)
66 76615-20	Bruksanvisning, Text-TV (Skantic)	Operating instructions,Tele-text TV (Skantic)	Bedienungsanleitung, Videotext TV (Skantic)
66 76618-10	Bruksanvisning (Luxor Stereo TV)	Operating instructions (Luxor Stereo TV)	Bedienungsanleitung (Luxor Stereo TV)
66 76618-20	Bruksanvisning (Skantic Stereo TV)	Operating instructions (Skantic Stereo TV)	Bedienungsanleitung (Skantic Stereo TV)
66 76714-10	Bruksanvisning (Luxor Mono TV)	Operating instructions (Luxor Mono)	Bedienungsanleitung (Luxor Mono TV)
66 76714-20	Bruksanvisning (Skantic Mono TV)	Operating instructions (Skantic Mono TV)	Bedienungsanleitung (Skantic Mono TV)

BLOCK DIAGRAM

6615 6618



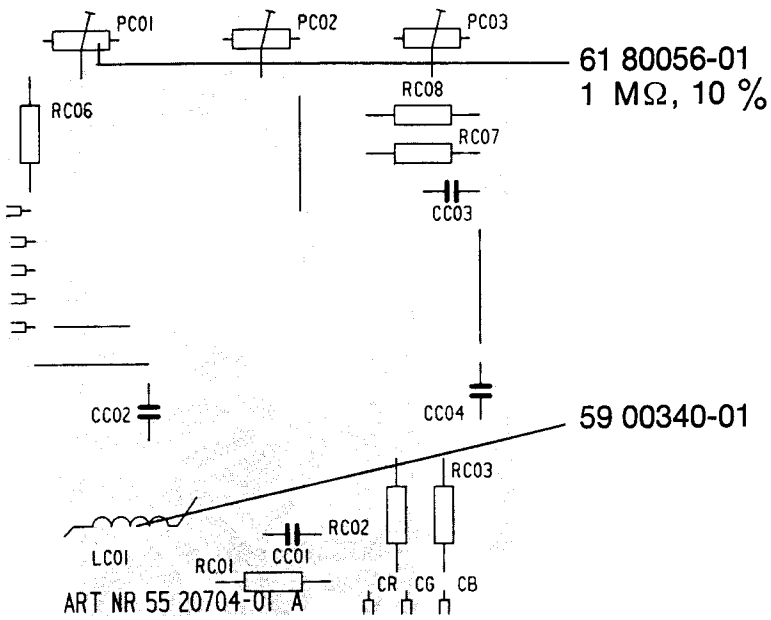
6714 6719



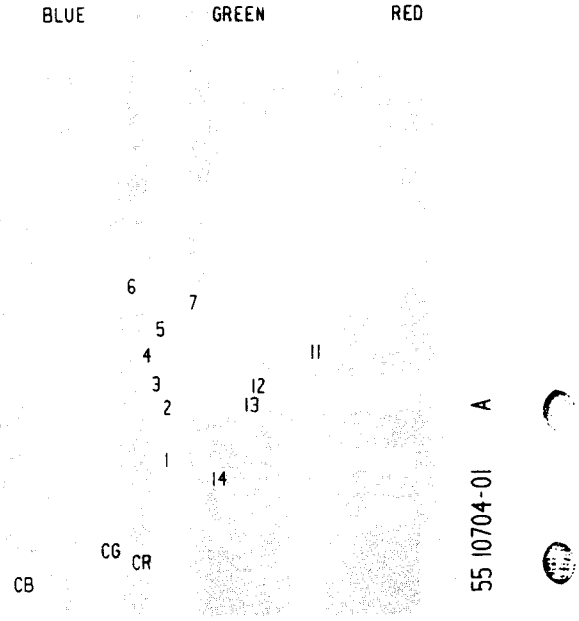
BILDRÖRSANSLUTNING
ARTIKEL NR 55 20704-01

PICTURE TUBE CONNECTION
PART NO 55 20704-01

BILDRÖHRE ANSCHLUSS
ARTIKEL NR 55 20704-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



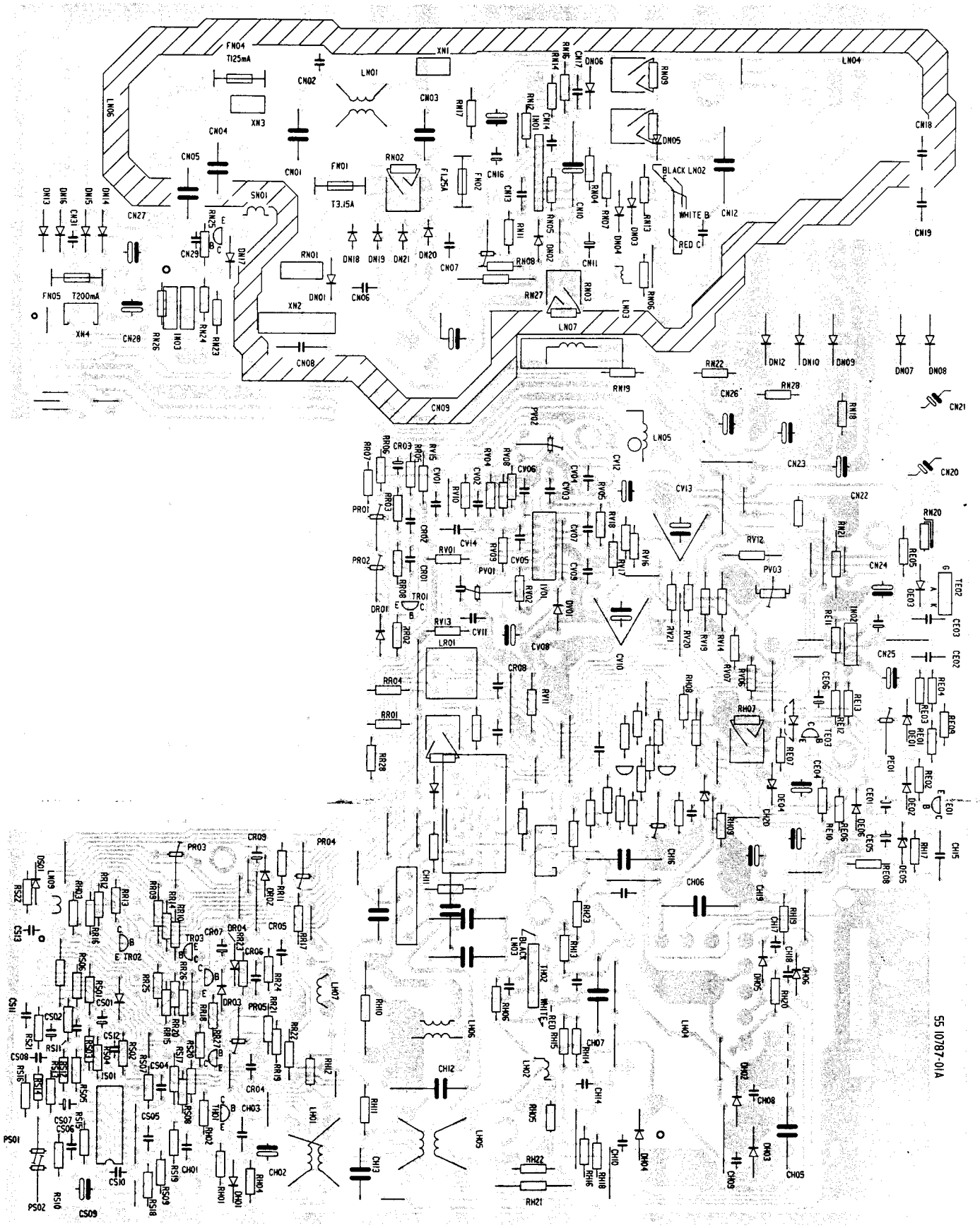
FOLIESIDA
PRINTED SIDE
LÖTSEITE

IN01	TDA 4600	64 30012-01
02	MC 7812CT 2%	64 50025-01
03	LM 317MP	64 50024-01
	Alt. LM 317MT	64 50024-02
	Alt. LM 317T	64 50008-01
IS01	TDA 1950F	64 30013-01
IV01	TDA 1670	64 30014-01
TE01	BC 557A	63 10013-01
02	C 107 D-L	63 70005-01
03	BF 423	63 00036-01
TH01	BD 419	63 20041-01
02	BU 208A	63 20070-01
TN01	BU 208A	63 20070-01
02	BC 547B	63 10011-01
TR01,02	BC 547B	63 10011-01
03	BC 557B	63 10057-01
04	2N5192	63 09190-01
DE01	BZX83 C8V2	63 08732-01
02	1N4148	63 08824-01
DE03	1N4004	63 40070-01
04	BZX83 C8V2	63 08732-01
05	BZX83 C33	63 40087-01
06	1N4148	63 08824-01
DH01	1N4448	63 40054-01
02-04	BY 299	63 40080-01
06	MR 814	63 40194-01
DN01	1N4005	63 40102-01
02	MR 812	63 40058-01
03-04	EM 513	63 40126-01
	Alt. 1N4007	63 40193-01
05	BA 159	63 08751-01
06	MR 812	63 40058-01
07	BA 159	63 08751-01
08	BY 299	63 40080-01
09,10	MR 852	63 40074-01
12	MR 852	63 40074-01
13-17	1N4002	63 40068-01
18-21	C 1740	63 08857-01
DR01,02	1N4148	63 08824-01
DV01	1N4001	63 40004-01
SN01	Relay 18 V	60 20020-01
RH07	15 Ω, 9 W	61 10110-01
RN02	3,9 Ω, 11 W	61 10071-01
03	10 KΩ, 7 W	61 10119-01
09	47 Ω, 9 W 5%	61 10109-01
RS21	12 KΩ, 0,5 W 1%	61 40083-01
PE01	4,7 KΩ, 0,1 W	61 17960-01
PN01	4,7 KΩ, 0,1 W	61 17960-01
PR01	100 Ω, 0,1 W	61 17700-01
02	47 KΩ, 0,1 W	61 17705-01
03	22 KΩ, 0,1 W	61 17704-01
04	1 KΩ, 0,1 W	61 17702-01
PS01,02	10 KΩ, 0,1 W	61 17961-01
PV01	100 KΩ, 0,1 W	61 17706-01
02	220 KΩ, 0,1 W	61 17707-01
03	470 Ω, 3 W	61 80058-01
LH01	Drive transf.	58 10083-01
02	Choke 4 µH	58 30028-01
03	Choke	59 10044-01
04	Line outputtransf.	58 10081-01
LH05	Bridge transformer	58 10043-01
06	Linearity unit	59 60048-01
LN01	Choke 12 mH	58 30048-01
02	Choke	59 10044-01
03	Choke 4 µH	58 30028-01
04	Mains transformer	58 10082-01
05	Choke 33,7 µH	59 00340-01
06	Remote transformer	58 00222-01
07	Choke 33,7 µH	59 00340-01
08	Ferritpearl	59 70053-01
09	Choke 1,5 mH	59 00224-01
AH01	Tripler with Blender 7 KV	63 60007-01
FN01	T 3,15 A	65 89567-01
02	F 1,25 A	65 70019-01
04	T 125 mA	65 83224-01
05	T 200 mA	65 82931-01

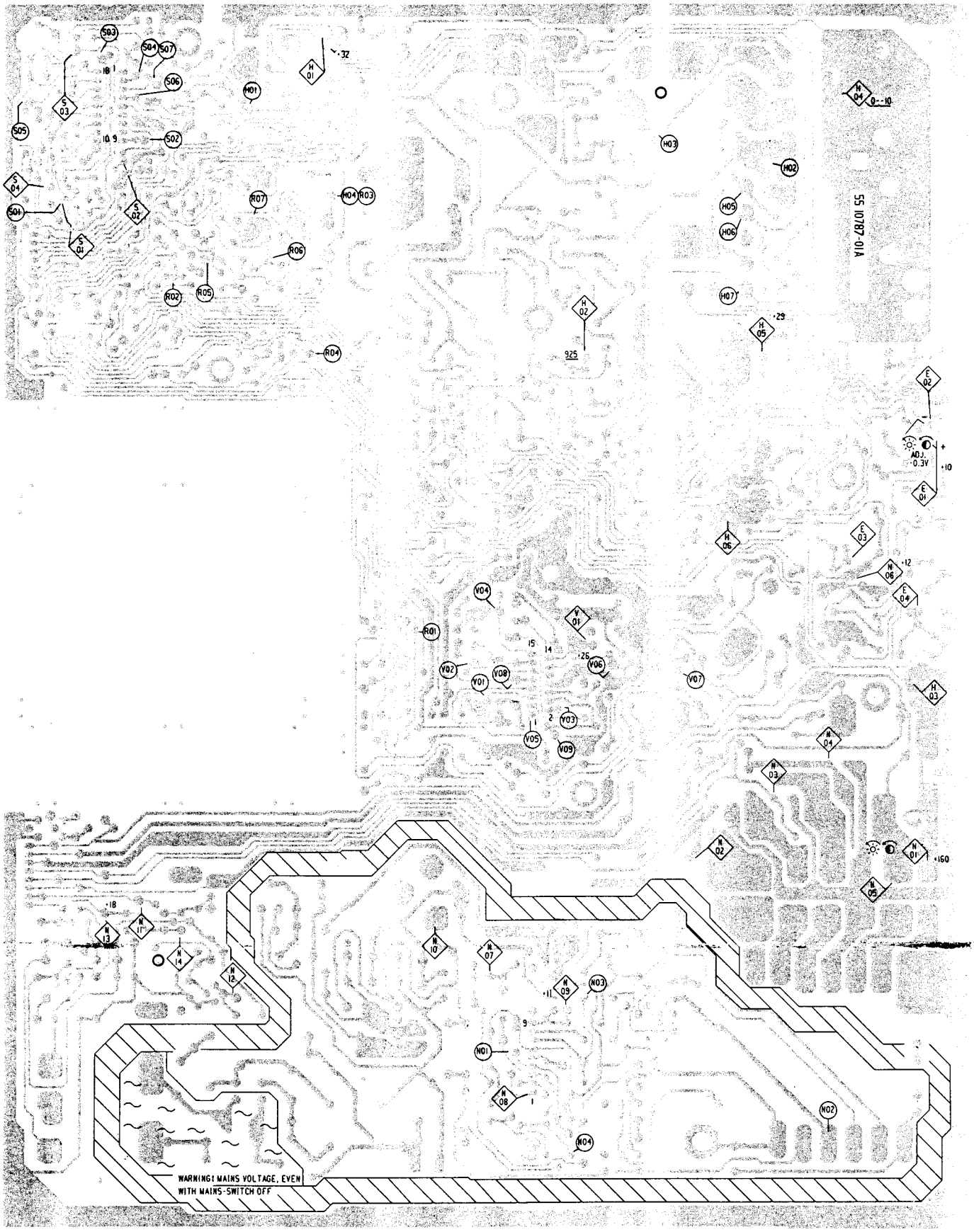
BASKORT PULS
ARTIKEL NR 55 20787-01

PULS MAIN BOARD
PART NO 55 20787-01

PULS-BASIS PLATINE
ARTIKEL NR 55 20787-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



FOLIESIDA
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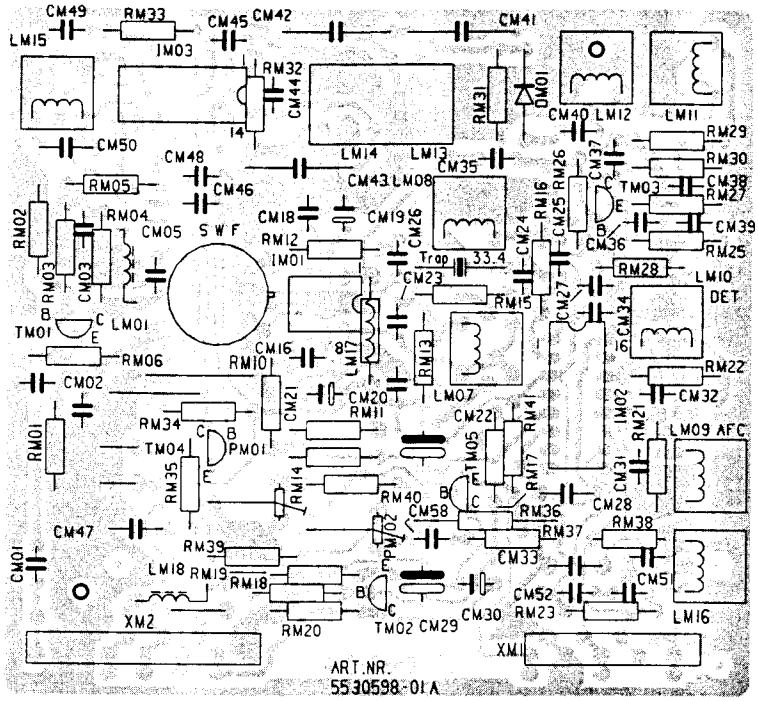
LÖTSEITE

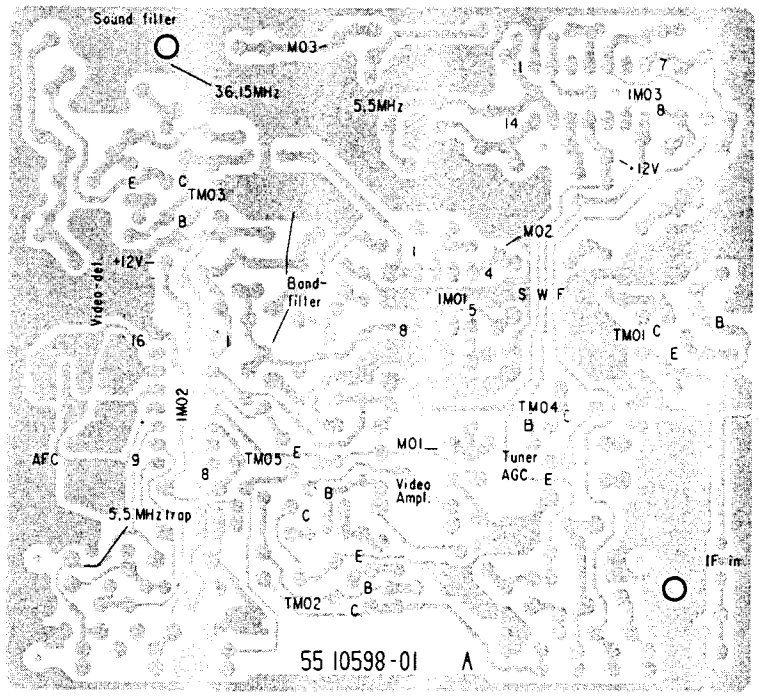
MF-MODUL
ARTIKEL NR 55 30598-01

IF-MODUL
PART NO 55 30598-01
55 30598-09 FOR ENGLAND AND HONGKONG

ZF-MODUL
ARTIKEL NR 55 30598-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



FOLIESIDA
PRINTED SIDE
LÖTSEITE

IM01	MC 1349P	64 00012-01
02	TCA 270S	64 00008-01
03	TBA 120UB	64 00026-01
TM01	BF 959	63 00057-01
02	BC 558B	63 10041-01
03	BF 199	63 00005-01
04,05	BC 558B	63 10041-01
DM01	OA 90	63 08615-01

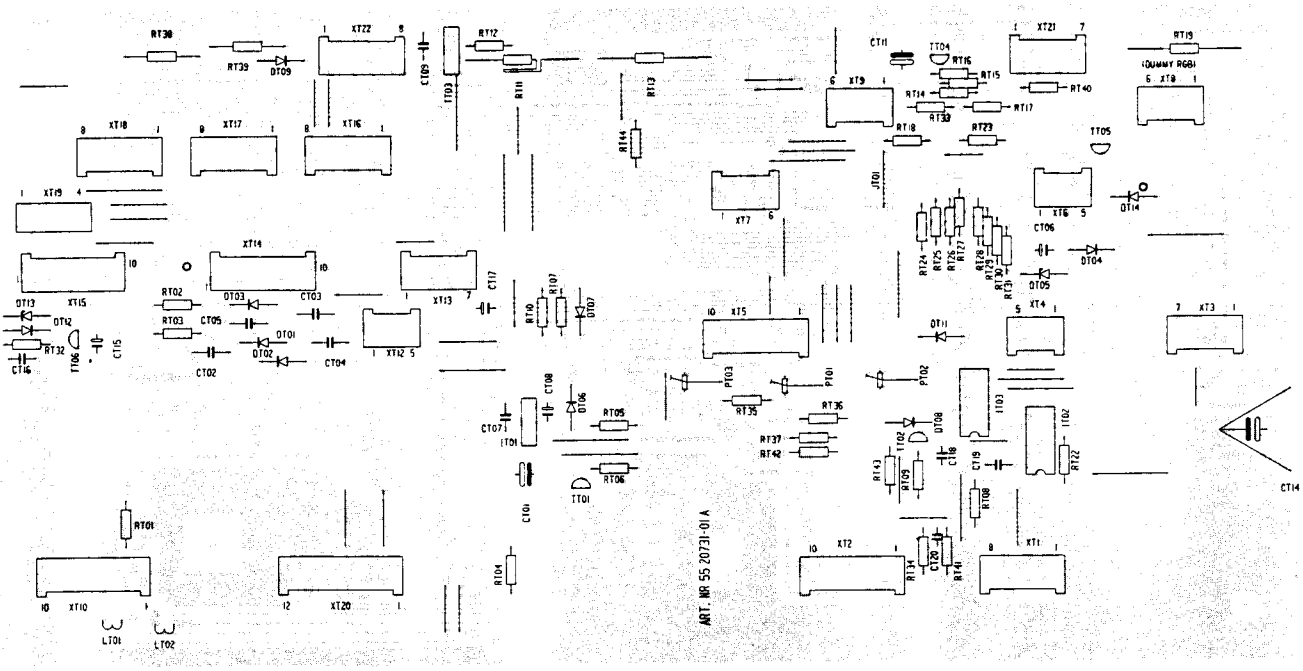
LM01	Choke	58 35600-01
07	Coil	59 40359-01
08	Coil	59 40293-01
09	Coil	59 40290-01
	Alt. Coil	59 40290-02
10	Coil	59 40290-01
	Alt. Coil	59 40290-02
11	Coil	59 40292-01
12	Coil	59 40295-01
13	Coil	59 40303-01
15	Coil	59 40292-01
16	Coil	59 40298-01
17	Choke	59 10032-01
18	Choke	58 35600-01

PM01,02	1 KΩ 0,1 W	61 17702-01
CM23	8,2pF N150	62 21235-01
24	2,2pF NPO	62 00034-01
31	56 pF N330	62 00098-01
32	47 pF N330	62 00097-01
40	4,7pF N750	62 00092-01
52	39 pF NPO	62 00016-01

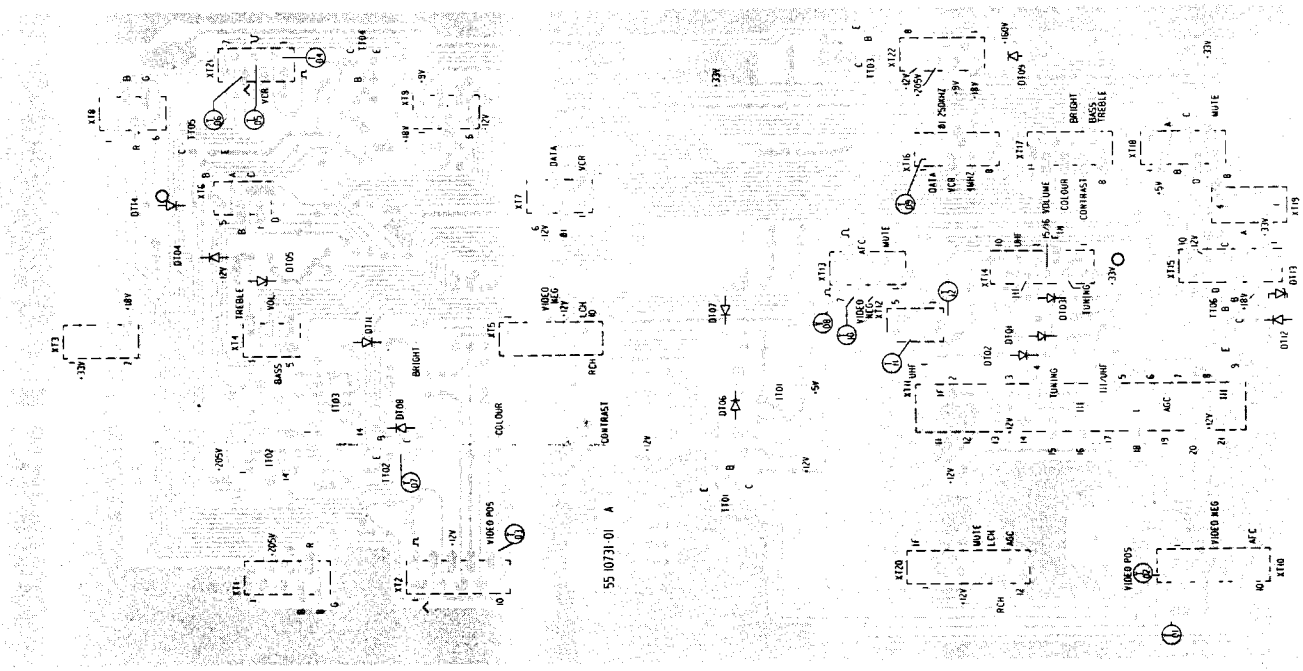
BASKORT SIGNAL
ARTIKEL NR 55 20731-01

SIGNAL MAIN BOARD
PART NO 55 20731-01

SIGNAL-BASISPLATINE
ARTIKEL NR 55 20731-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE

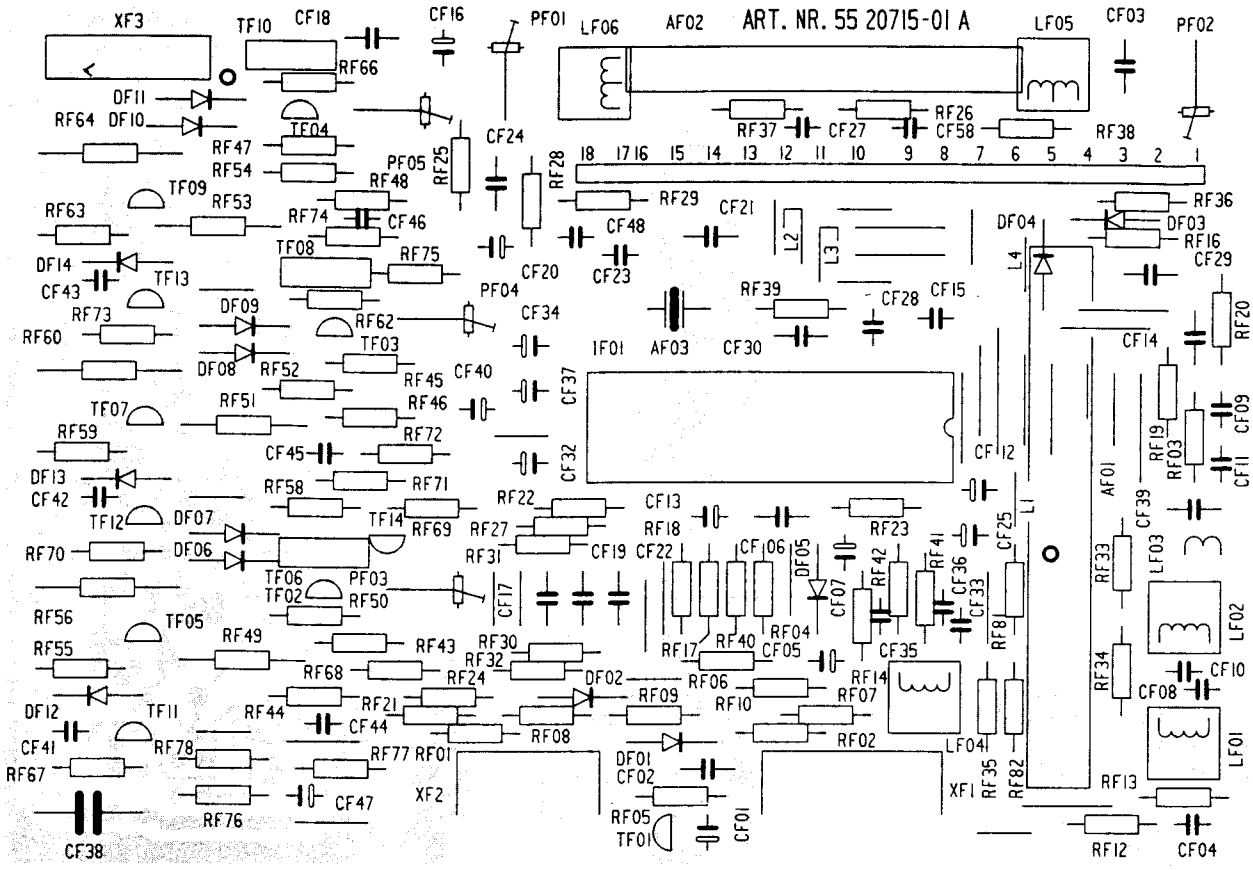


FOLIESIDA
PRINTED SIDE
LÖTSEITE

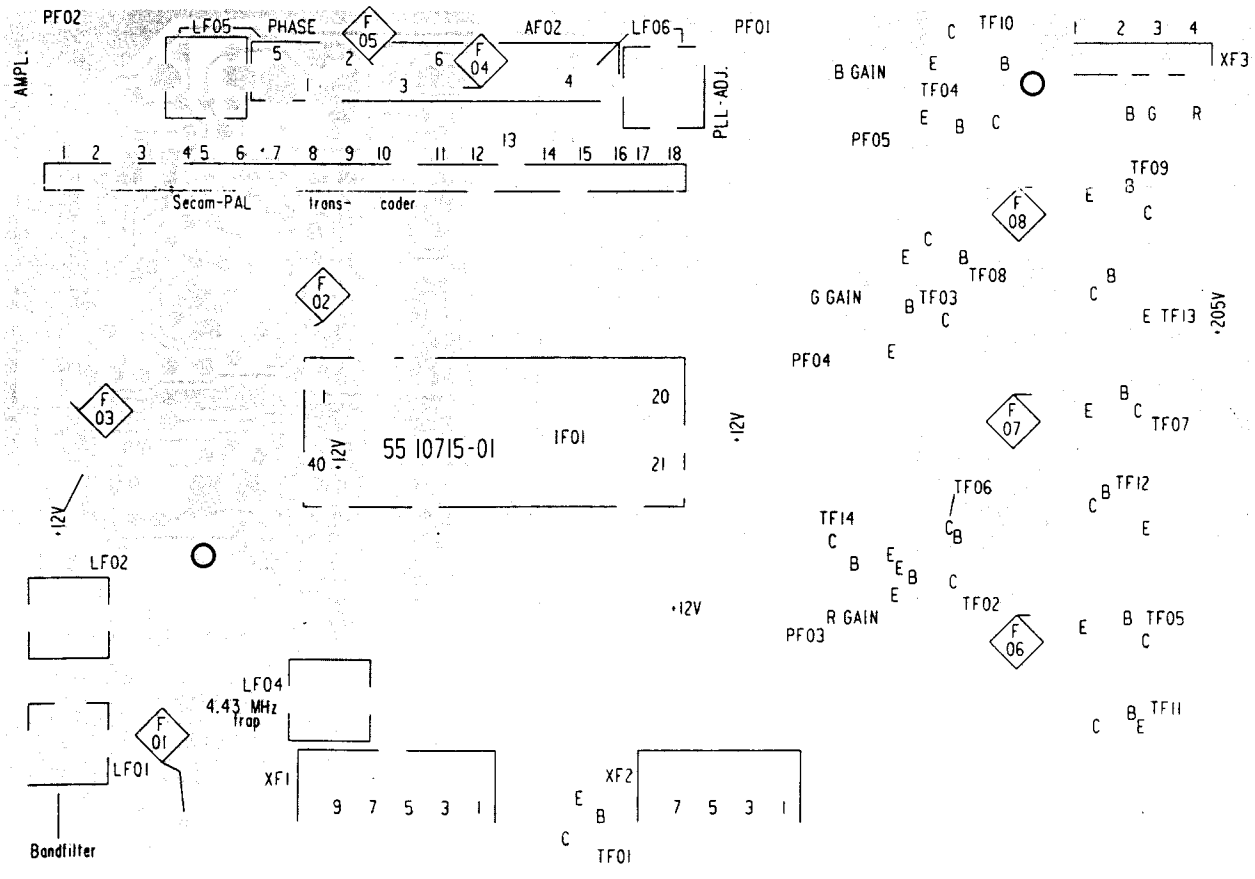
IC		
IT01	MC 78M05CT	64 50009-01
02	MC 14001 BCP	64 40010-01
03	MC 14011 UBCP	64 40014-01
TT01,02	BC 548B	63 10056-01
03	BD 415	63 20035-01
04,05	BC 548B	63 10056-01
06	BC 635	63 10086-01

DT01-04	1N4148	63 08824-01
05	ZPD 12	63 40034-01
06-09	1N4148	63 08824-01
11,12	1N4148	63 08824-01
13	TAA 550B Alt. ZTK 33	63 08731-02
14	1N4148	63 08824-01

LT01,02	Choke 10 µH	59 00225-01
PT01,02	4,7 KΩ, Pot 0,1 W	61 17960-01
03	10 KΩ, Pot 0,1 W	61 17961-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



FOLIESIDA
PRINTED SIDE
LÖTSEITE

IF01	TDA 3300	64 20015-01
TF01	BC 558B	63 10041-01
02-04	BC 548B	63 10056-01
05	BF 392	63 00027-01
06	BF 469	63 00042-01
07	BF 392	63 00027-01
08	BF 469	63 00042-01
09	BF 392	63 00027-01
10	BF 469	63 00042-01
11-13	BF 493S	63 00064-01
14	BC 558 B	63 10041-01
DF01-11	1N4148	63 08824-01
12-14	BA 157	63 08822-01

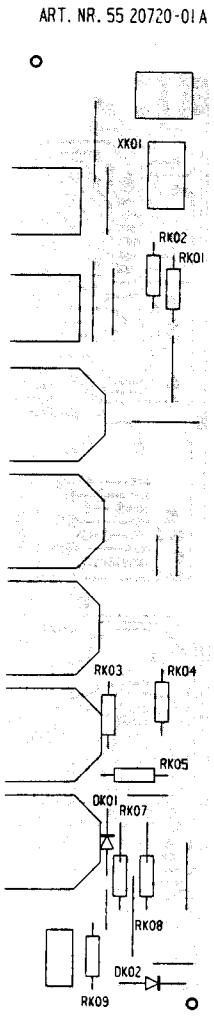
PF01	100 KΩ, 0,1 W	61 17706-01
02	100 Ω	61 17700-01
03-05	1 KΩ, 0,1 W	61 17702-01
LF01,02	Coil,filter	59 40299-01
03	Choke 22 µH	59 00221-01
04	Coil,trap	59 40298-01
05	Coil,phase	59 40351-01
06	Coil	59 40352-01
AF01	0,33 µs	59 60054-01
02	SDL 145 PAL Delay-line	59 60059-01
03	X-tal 4,43 MHz	63 62662-01

RF49,51,53	27 KΩ 2% 1/2 W	61 00075-01
55	1 KΩ 5% 1/3 W	61 29258-02
57,61	27 KΩ 2% 1/2 W	61 00075-01
63	1 KΩ 5% 1/3 W	61 29258-02
65	27 KΩ 2% 1/2 W	61 00075-01
CF32	1 µF 20% 63 V	62 50185-01
33	6,8pF+ 0,25pF/63V	62 00033-01
34,37	1 µF 20% 63 V	62 50185-01

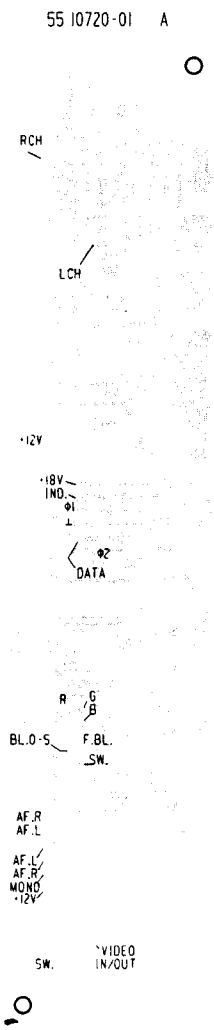
ANSLUTNINGSMODUL MONO/STEREO
ARTIKEL NR 55 20720-01

CONNECTION MODULE MONO/STEREO
PART NO 55 20720-01

ANSCHLUSS-MODUL MONO/STEREO
ARTIKEL NR 55 20720-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



FOLIESIDA
PRINTED SIDE
LÖTSEITE

DK01	1N4001	63 40004-01
02	1N4148	63 08824-01

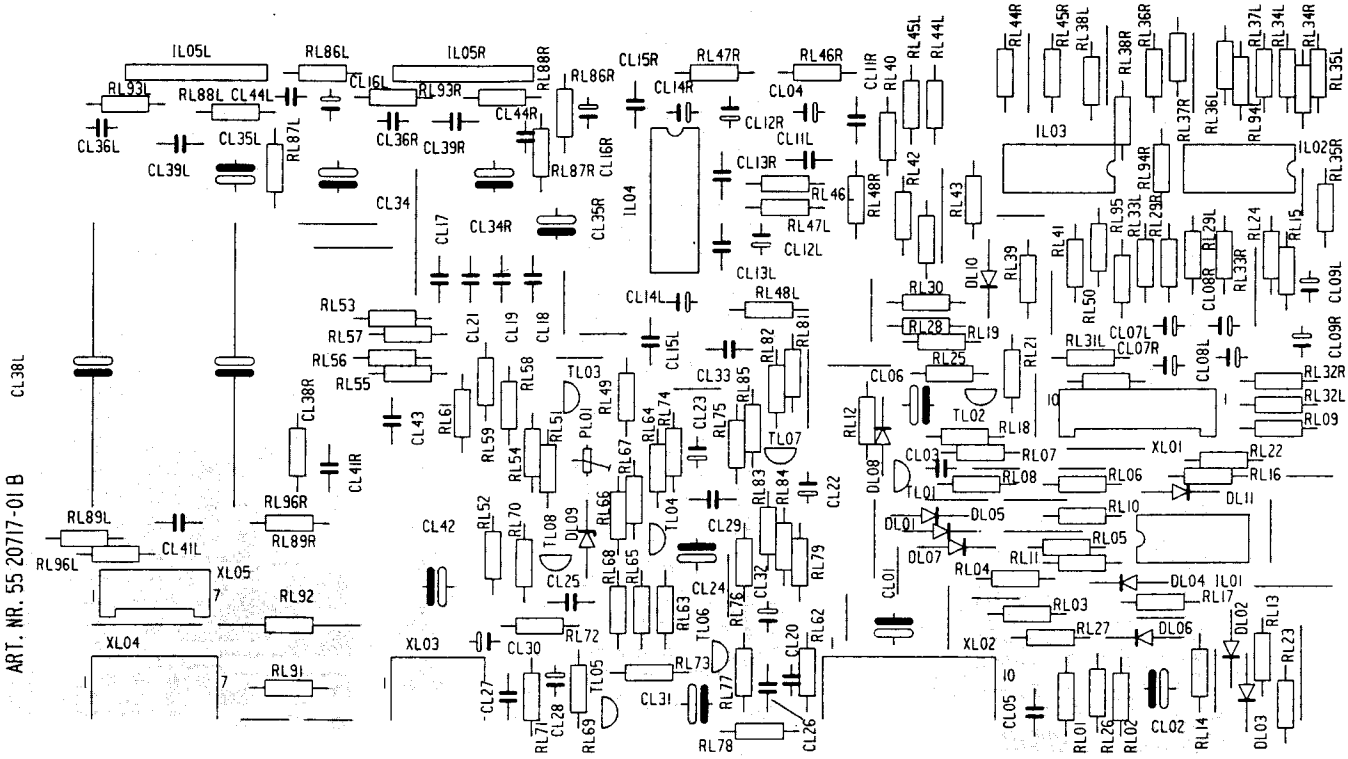
JACKS

Loudspeaker jack	43 60160-01

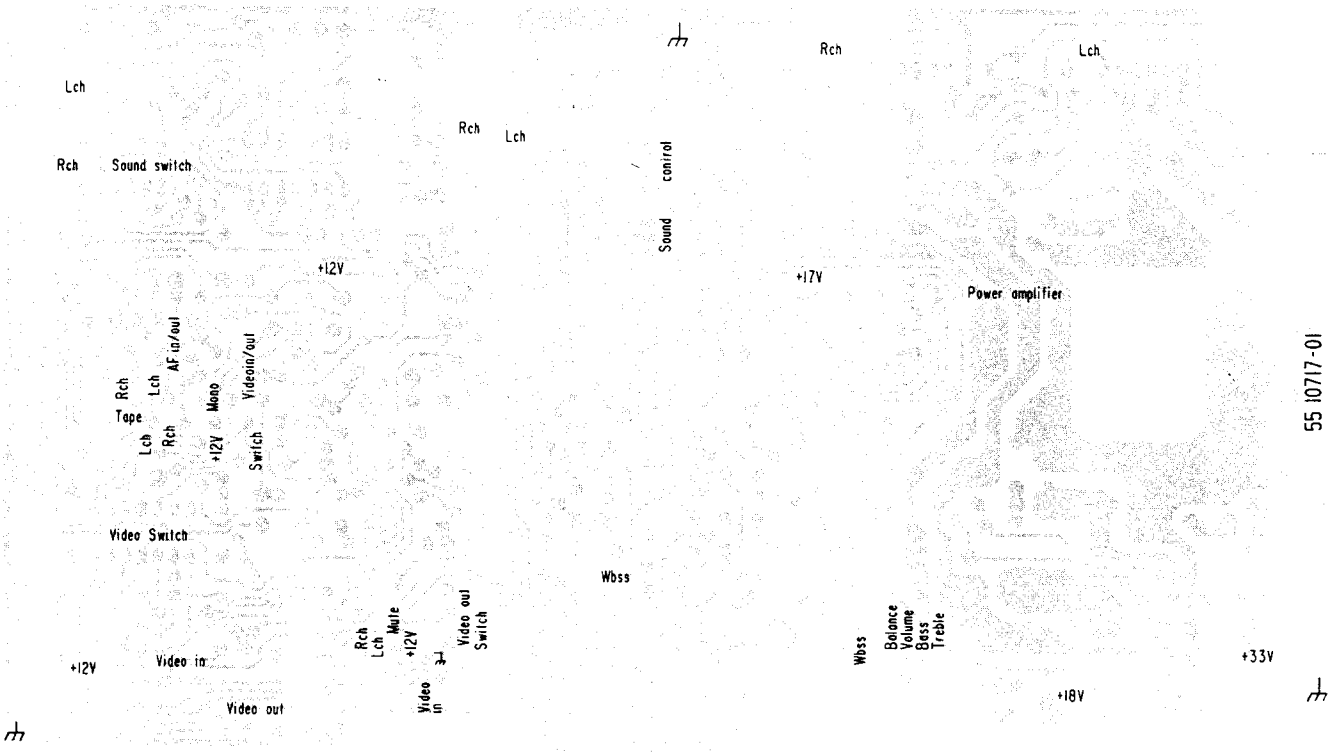
AUDIO-VIDEO MODUL STEREO
ARTIKEL NR 55 20717-01

AUDIO-VIDEO MODULE STEREO
PART NO 55 20717-01

AUDIO-VIDEO MODUL STEREO
ARTIKEL NR 55 20717-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



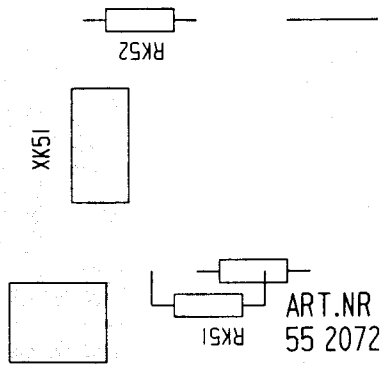
FOLIESIDA
PRINTED SIDE
LÖTSEITE

IL01	CA 3086	64 10009-01
02,03	MC 14066	64 40023-01
04	TCA 550C	64 10038-01
05	TDA 1512	64 10036-01
TL01	BC 548B	63 10056-01
TL02,03	BC 558B	63 10041-01
04-07	BC 413C	63 10051-01
08	BC 548C	63 10021-01
DL01-08	1N4148	63 08824-01
09	BZX79 8,2 V	63 08732-01
DL10,11	1N4148	63 08824-01
PL01	220 KΩ 0,1 W Pot	61 80027-01

HÖRTELEFONMODUL
ARTIKEL NR 55 20724-01 MONO
55 20724-02 STEREO

PHONE MODULE
PART NO 55 20724-01 MONO
55 20724-02 STEREO

KOPFHÖRER MODUL
ARTIKEL NR 55 20724-01 MONO
55 20724-02 STEREO

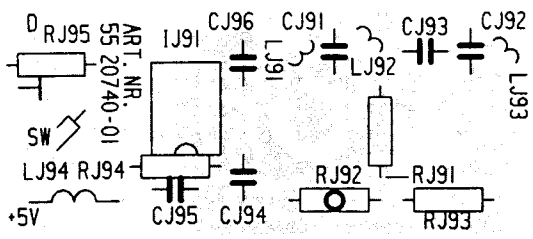


KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE

HF-DELARE
ARTIKEL NR 55 20740-01

PRESCALER
PART NO 55 20740-01

HF-TEILER
ARTIKEL NR 55 20740-01



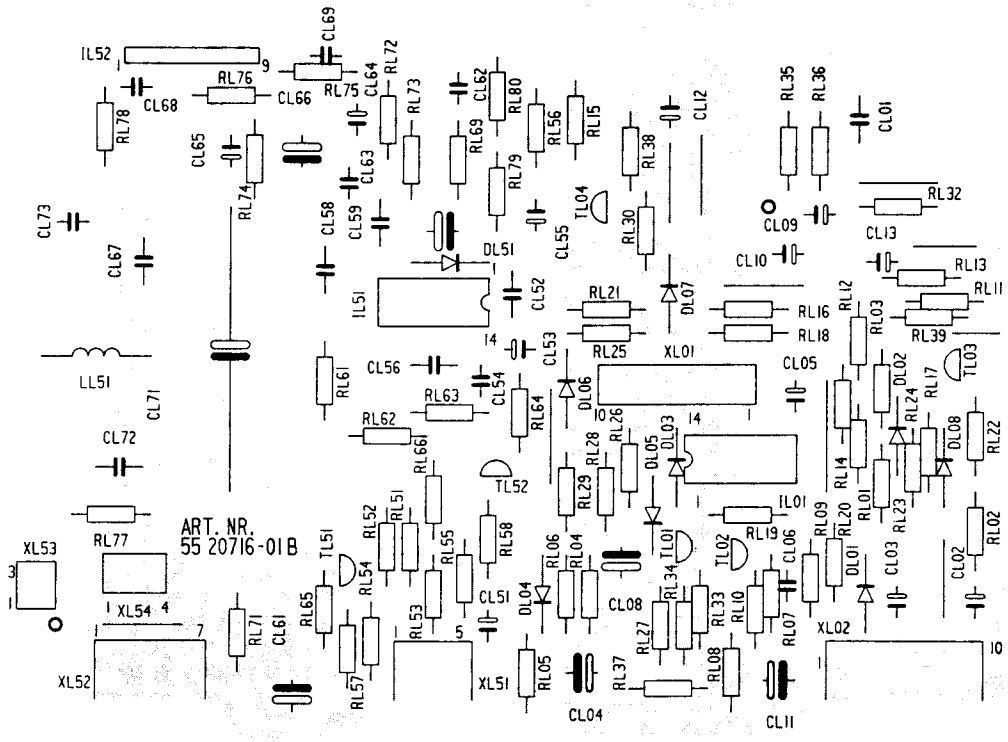
KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE

IJ91	U 465B	64 90145-01
TJ91	BF 324	63 00021-01
LJ91-93	Coil	59 10005-01
04	Choke	58 56968-01

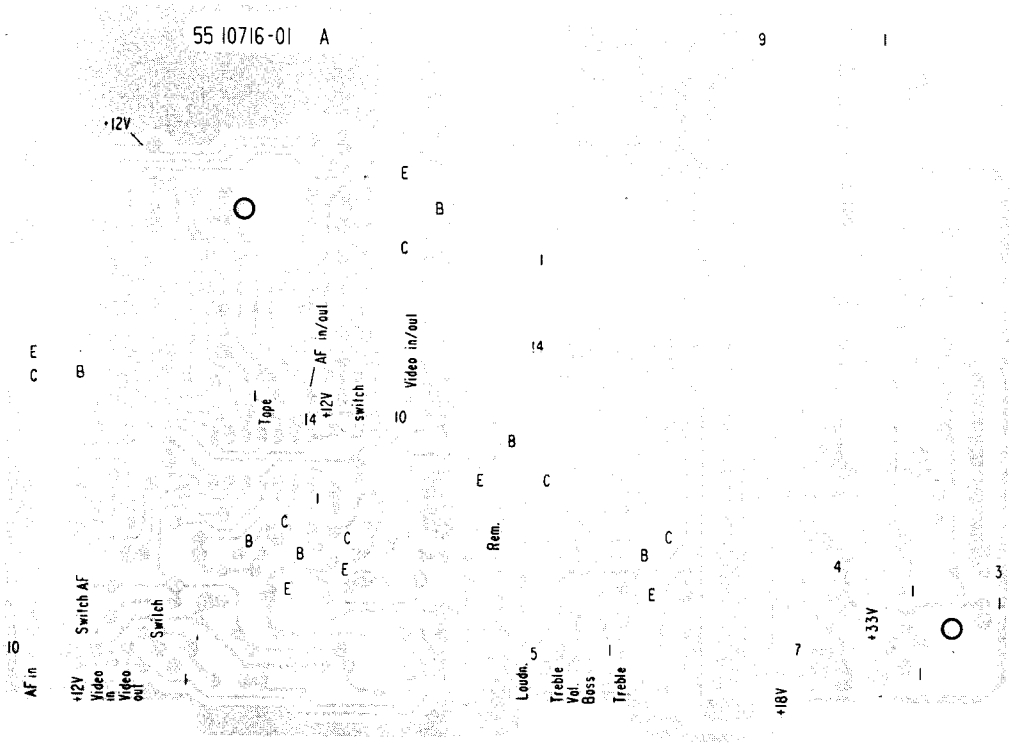
AUDIO-VIDEOMODUL MONO
ARTIKEL NR 55 20716-01

AUDIO-VIDEO MODULE MONO
PART NO 55 20716-01

AUDIO-VIDEO MODUL MONO
ARTIKEL NR 55 20716-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



FOLIESIDA
PRINTED SIDE
LÖTSEITE

IL01	CA 3086	64 10009-01
51	TDA 4290	64 10037-01
52	TDA 1512	64 10036-01

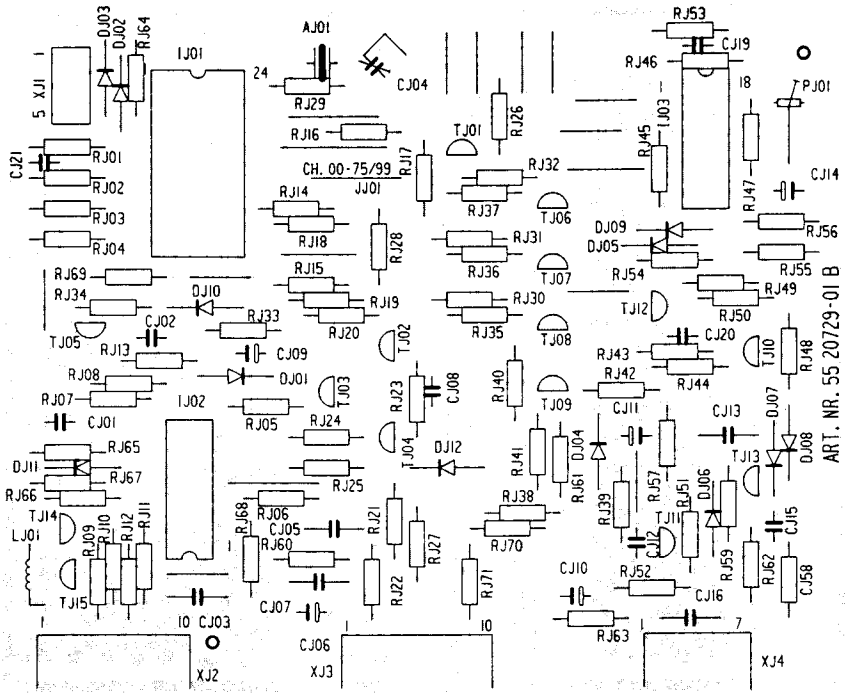
TL01	BC 558B	63 10041-01
02-04	BC 548B	63 10056-01
51,52	BC 558B	63 10041-01

DL01-08	1N4148	63 08824-01
51	1N4148	63 08824-01
LL51	Coil 0,35 mH	59 10060-01

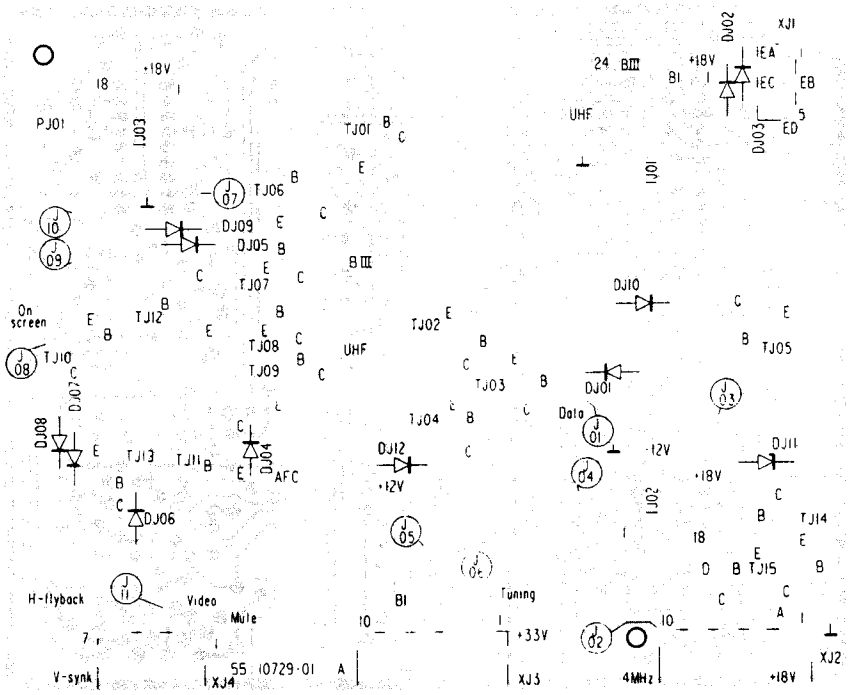
FREKVENSSYNTES MODUL
ARTIKEL NR 55 20729-01

FREQUENCE SYNTH MODULE
PART NO 55 20729-01

FREQUENZ-SYNTHES-MODUL
ARTIKEL NR 55 20729-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



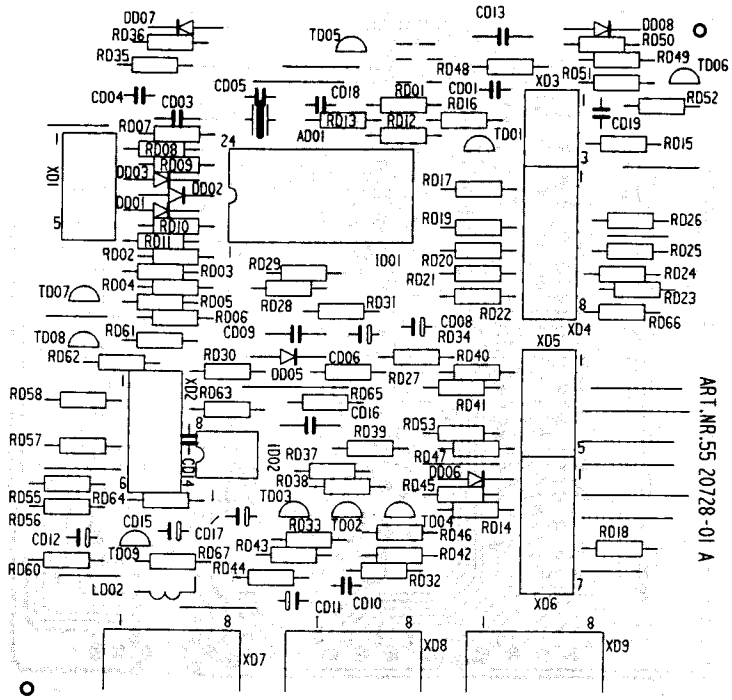
FOLIESIDA
PRINTED SIDE
LÖTSEITE

IJ01	SAA 1274	64 90101-01
02	SAA 1075	64 90099-01
03	SAA 1276	64 90100-01
TJ01	BC 557B	63 10057-01
02,03	BC 547B	63 10011-01
04	BC 557B	63 10057-01
TJ05	BC 547B	63 10011-01
06-09	BC 557B	63 10057-01
10-15	BC 547B	63 10011-01
DJ01-10	1N4148	63 08824-01
11	ZPD 15	63 40169-01
LJ01	5 µH Choke	58 35600-01
PJ01	4,7 KΩ,Pot	61 17960-01
CJ11	2,2 µF 20% 50 V Elyt	62 50166-01

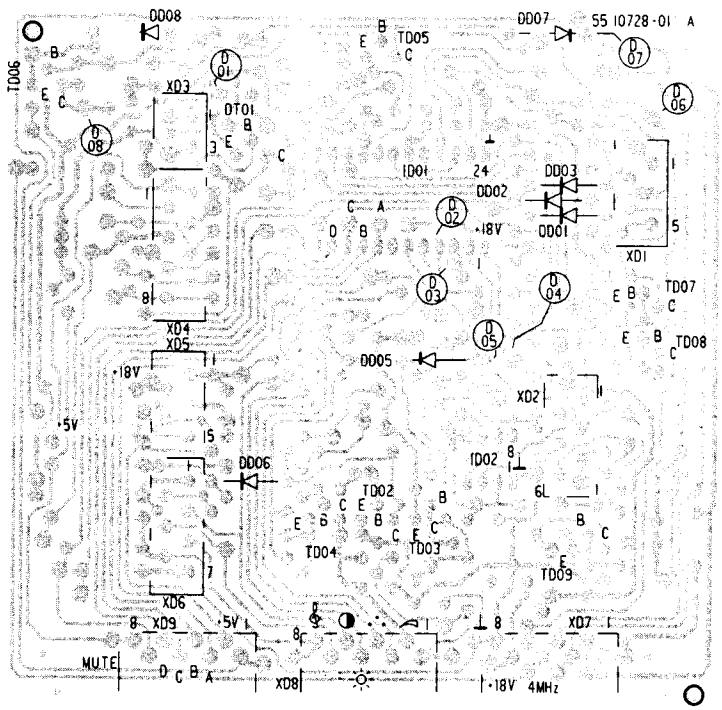
FJÄRRKONTROLL MODUL
ARTIKEL NR 55 20728-01

REMOTE CONTROL MODULE
PART NO 55 20728-01

FERNSTUR-MODUL
ARTIKEL NR 55 20728-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



FOLIESIDA
PRINTED SIDE
LÖTSEITE

	IC							
ID01	SAA 1251	64 90058-01	TD06	BC 558B	63 10041-01	AD01	X-tal,4MHz	63 90027-01
02	NE 555	64 90095-01	07-09	BC 548B	63 10056-01			
						LD	Choke 5µH	58 35600-01
TD01	BC 558B	63 10041-01	DD01-13	1N4148	63 08824-01	CD17	220µF 10V	62 50181-01
01-15	BC 548B	63 10056-01	05-09	1N4148	63 08824-01		Elyt LL	

MANÖVERPANEL

ARTIKEL NR

56 96615-01 (LUXOR 6615, 6618)
56 96615-21 (SKANTIC 6615, 6618)
56 96714-01 (LUXOR 6714, 6719)
56 96714-21 (SKANTIC 6714, 6719)

CONTROL PANEL

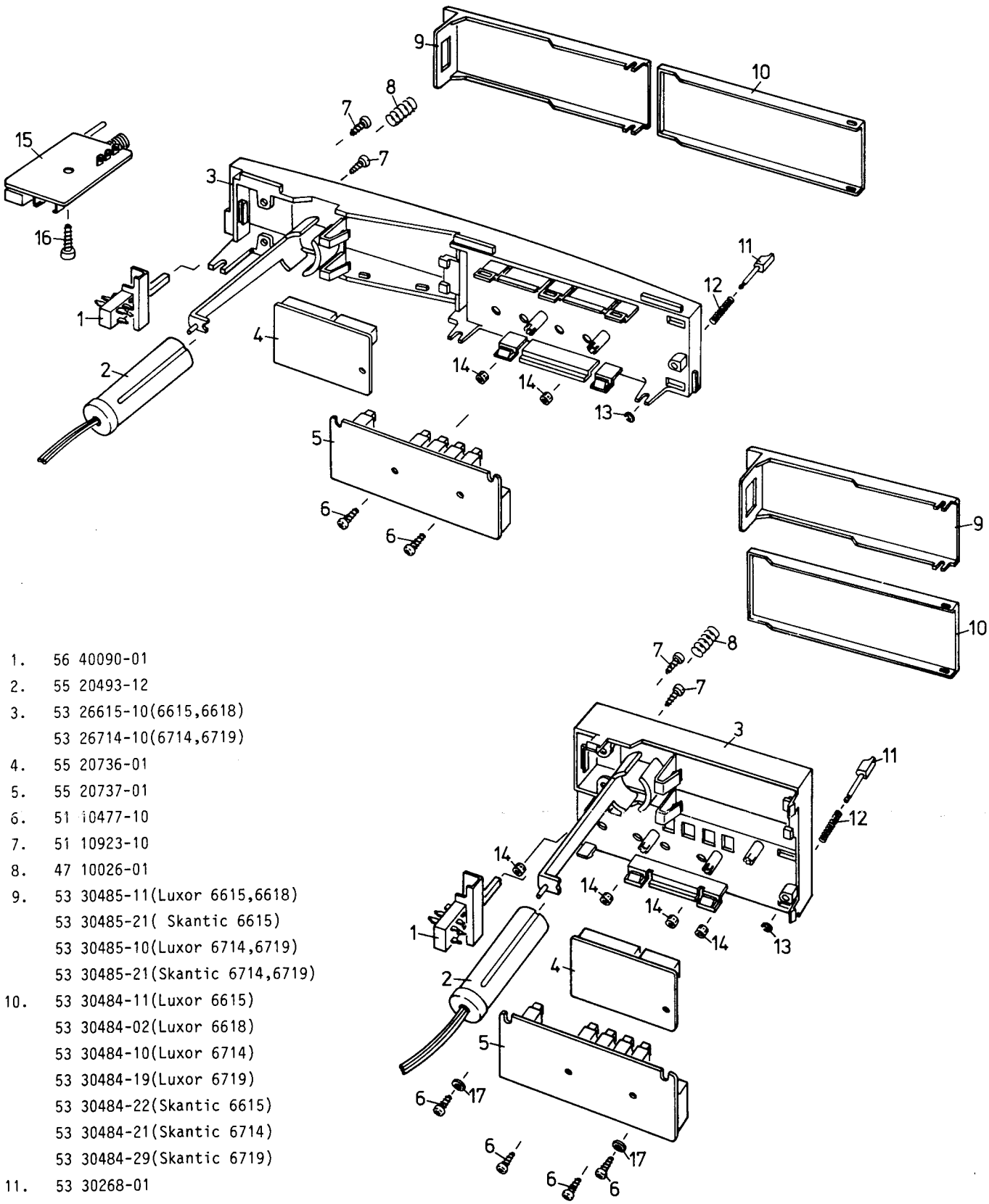
PART NO

56 96615-01 (LUXOR 6615, 6618)
56 96615-21 (SKANTIC 6615, 6618)
56 96714-01 (LUXOR 6714, 6719)
56 96714-21 (SKANTIC 6714, 6719)

BEDIENUNGSPANEEL

ARTIKEL NR

56 96615-01 (LUXOR 6615, 6618)
56 96615-21 (SKANTIC 6615, 6618)
56 96714-01 (LUXOR 6714, 6719)
56 96714-21 (SKANTIC 6714, 6719)

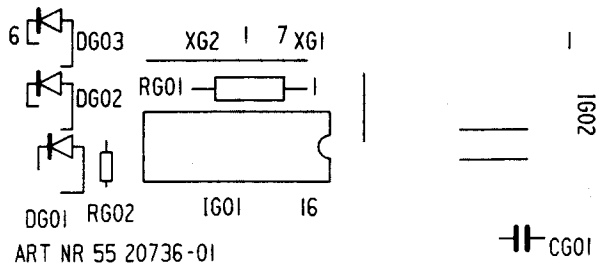


1. 56 40090-01
2. 55 20493-12
3. 53 26615-10(6615,6618)
   53 26714-10(6714,6719)
4. 55 20736-01
5. 55 20737-01
6. 51 10477-10
7. 51 10923-10
8. 47 10026-01
9. 53 30485-11(Luxor 6615,6618)
   53 30485-21(Skantic 6615)
   53 30485-10(Luxor 6714,6719)
   53 30485-21(Skantic 6714,6719)
10. 53 30484-11(Luxor 6615)
    53 30484-02(Luxor 6618)
    53 30484-10(Luxor 6714)
    53 30484-19(Luxor 6719)
    53 30484-22(Skantic 6615)
    53 30484-21(Skantic 6714)
    53 30484-29(Skantic 6719)
11. 53 30268-01
12. 47 10044-01
13. 49 71133-01
14. 50 90027-01
15. 55 20724-01(Mono)
    55 20724-02(Stereo)
16. 51 60000-10
17. 49 11372-01

DISPLAY MODUL
ARTIKEL NR 55 20736-01

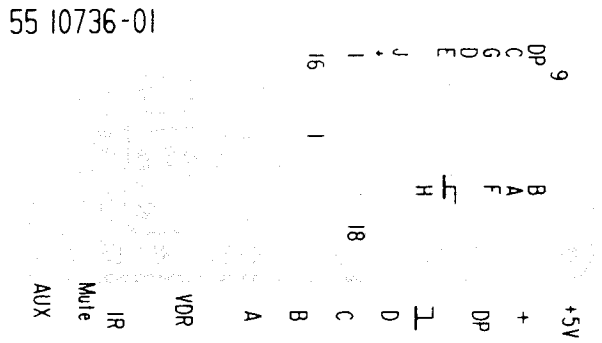
DISPLAY MODULE
PART NO 55 20736-01

ANZEIGE-MODUL
ARTIKEL NR 55 20736-01



ART NR 55 20736-01

KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



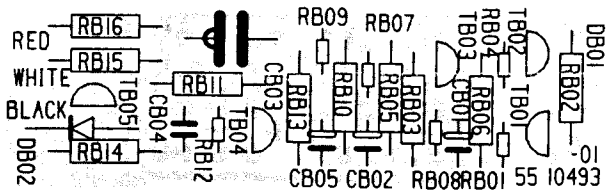
FOLIESIDA
PRINTED SIDE
LÖTSEITE

IG01	SN 29764 AN	64 90011-01
02	COX 88K	63 40120-02
DG01-03	CQY 85	63 40071-03
RG02	MPY-12C28E	61 50000-01

IR-MOTTAGARE MODUL
ARTIKEL NR 55 20493-11
55 20493-12

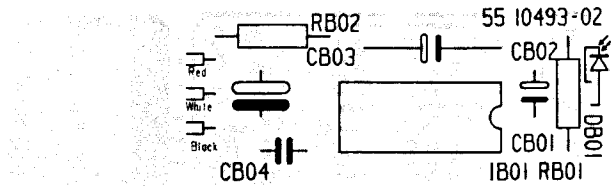
IR-RECEIVER MODULE
PART NO 55 20493-11
55 20493-12

IR-EMPFÄNGER MODUL
ARTIKEL NR 55 20493-11
55 20493-12



55 20493-11

TB01-03	BC 413C	63 10051-01
04	BC 559B	63 10022-01
05	BC 548C	63 10021-01
DB01	BPW 41	63 50002-01
02	1N4148	63 08824-01



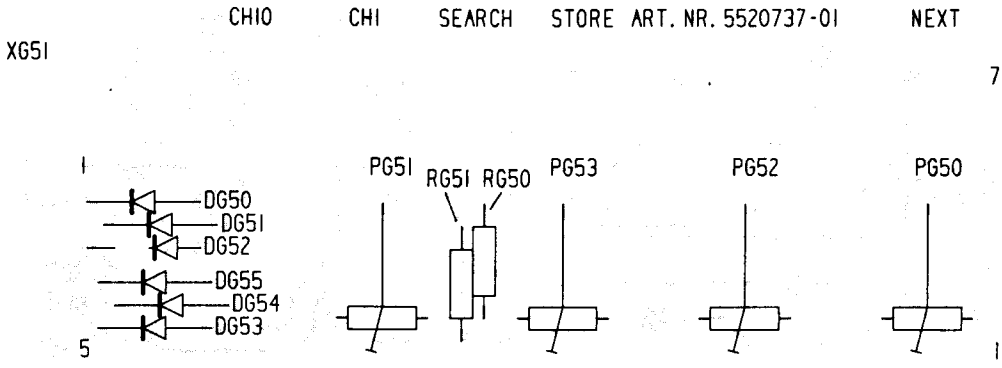
55 20493-12

IB01	TEA 1009	64 90069-01
DB01	BPW 41	63 50002-01

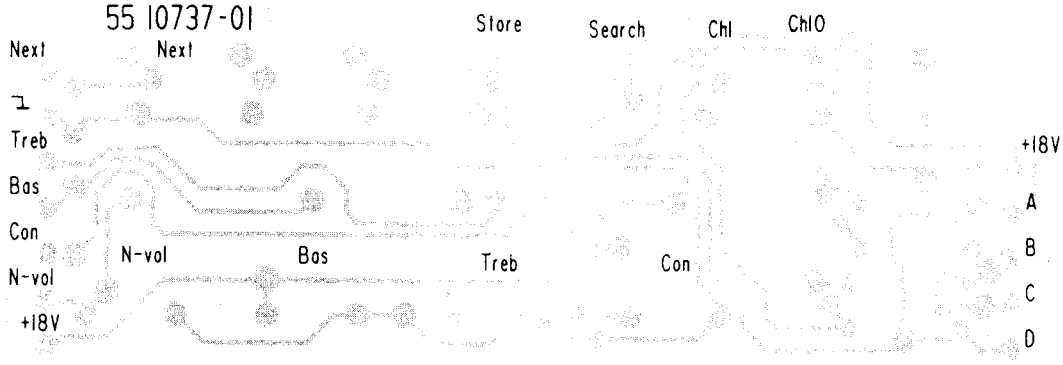
MANÖVERMODUL
ARTIKEL NR 55 20737-01

LOCAL CONTROL MODULE
PART NO 55 20737-01

BEDIENUNGS-MODUL
ARTIKEL NR 55 20737-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



FOLIESIDA
PRINTED SIDE
LÖTSEITE

DG50-55	1N4148	63 08824-01
PG50	10 KΩ LIN	61 80015-01
51	47 KΩ LIN	61 80059-01
52,53	10 KΩ LIN	61 80015-01

IZ01	CD 4013BE	64 40022-01
02	CD 4011AE	64 40014-01
03	CD 4006BE	64 40069-01
04	CA 3086	64 10009-01
05	MC 6805 P2	64 90090-01
06	CA 3086	64 10009-01
07	MCM 144102P	64 90124-01
08	SN 74LS 02N	64 40061-01
09	SAA 5041	64 90050-01
10	SAA 5020	64 90052-01

IZ11	SN 74LS 257AN	64 40046-01
12,13	SN 74LS 161N	64 40041-01
14,15	TMS 2114-20NL	64 40026-01
16	SAA 5052	64 90049-01
	SAA 5050 Engl.	64 90072-01
	SAA 5051 Germ.	64 90080-01
TZ01-08	BC 547A	63 10066-01

DZ01-09	1N4148	63 08824-01
PZ01	22 kΩ	61 80011-01
EZ01	Accu-mulator 1,2 V.	65 50560-01

DIGITAL MODUL

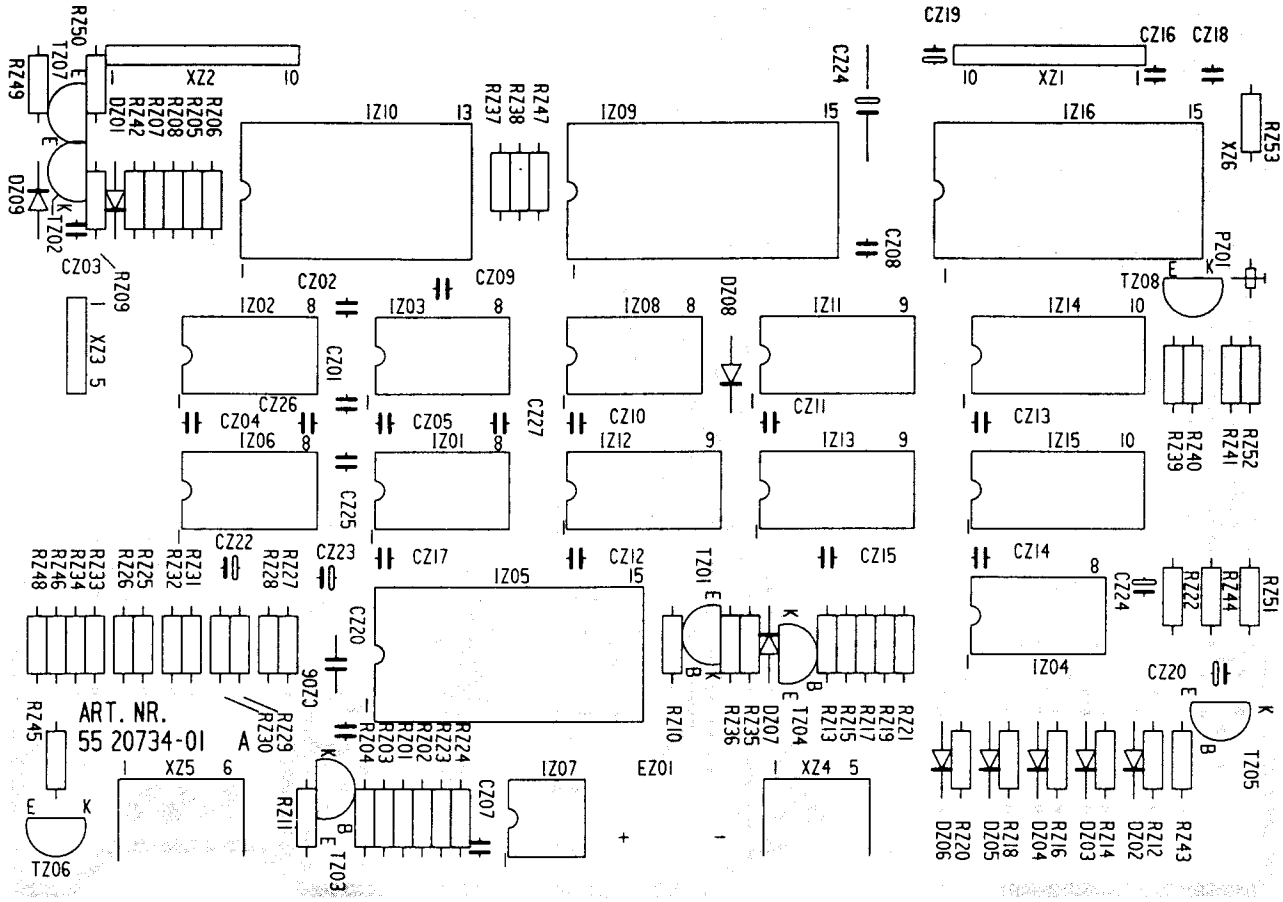
ARTIKEL NR 55 20734-01
(TYSKLAND) 55 20734-08
(ENGLAND) 55 20734-09

DIGITAL MODULE

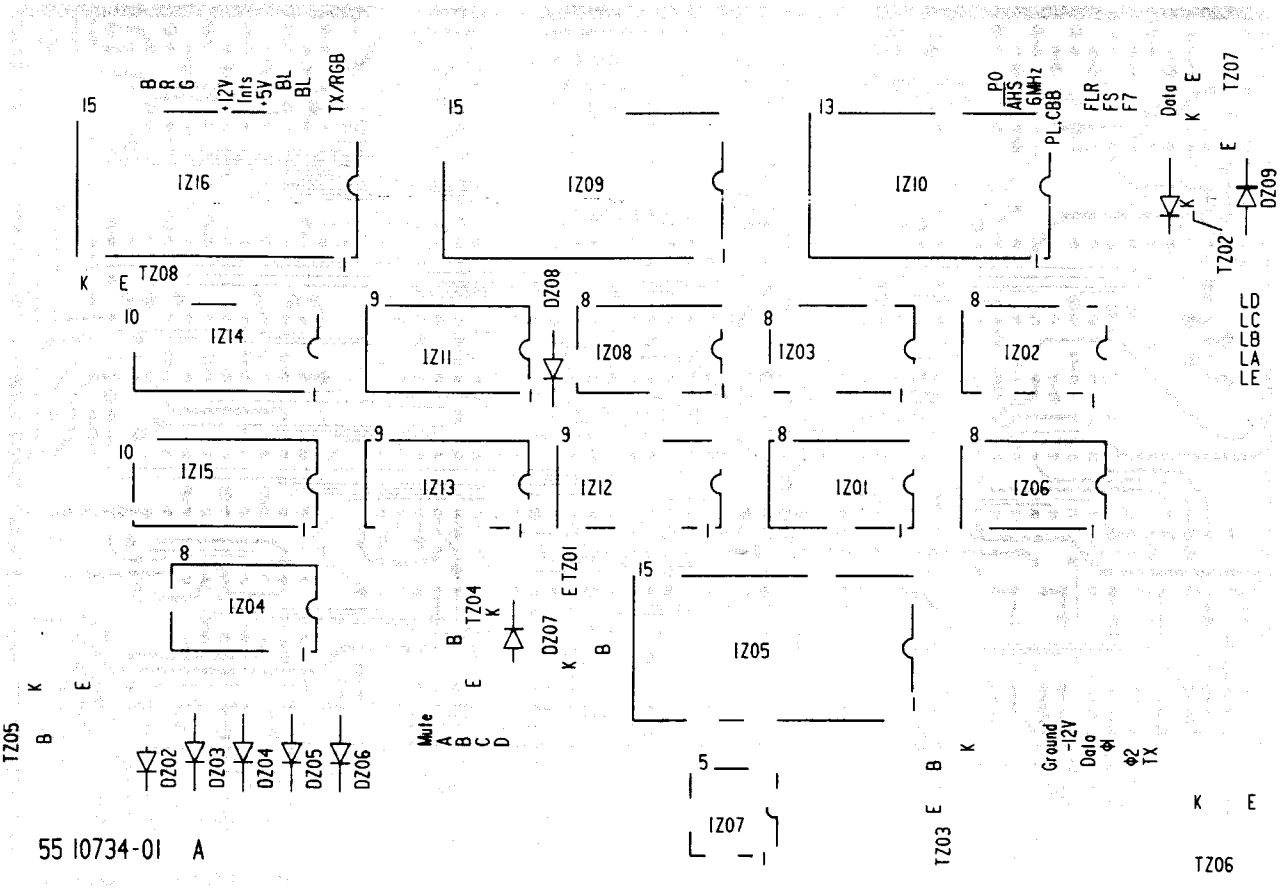
PART NO 55 20734-01
(GERMANY) 55 20734-08
(ENGLAND) 55 20734-09

DIGITAL-MODUL

ARTIKEL NR 55 20734-01
(DEUTCHLAND) 55 20734-08
(ENGLAND) 55 20734-09



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE

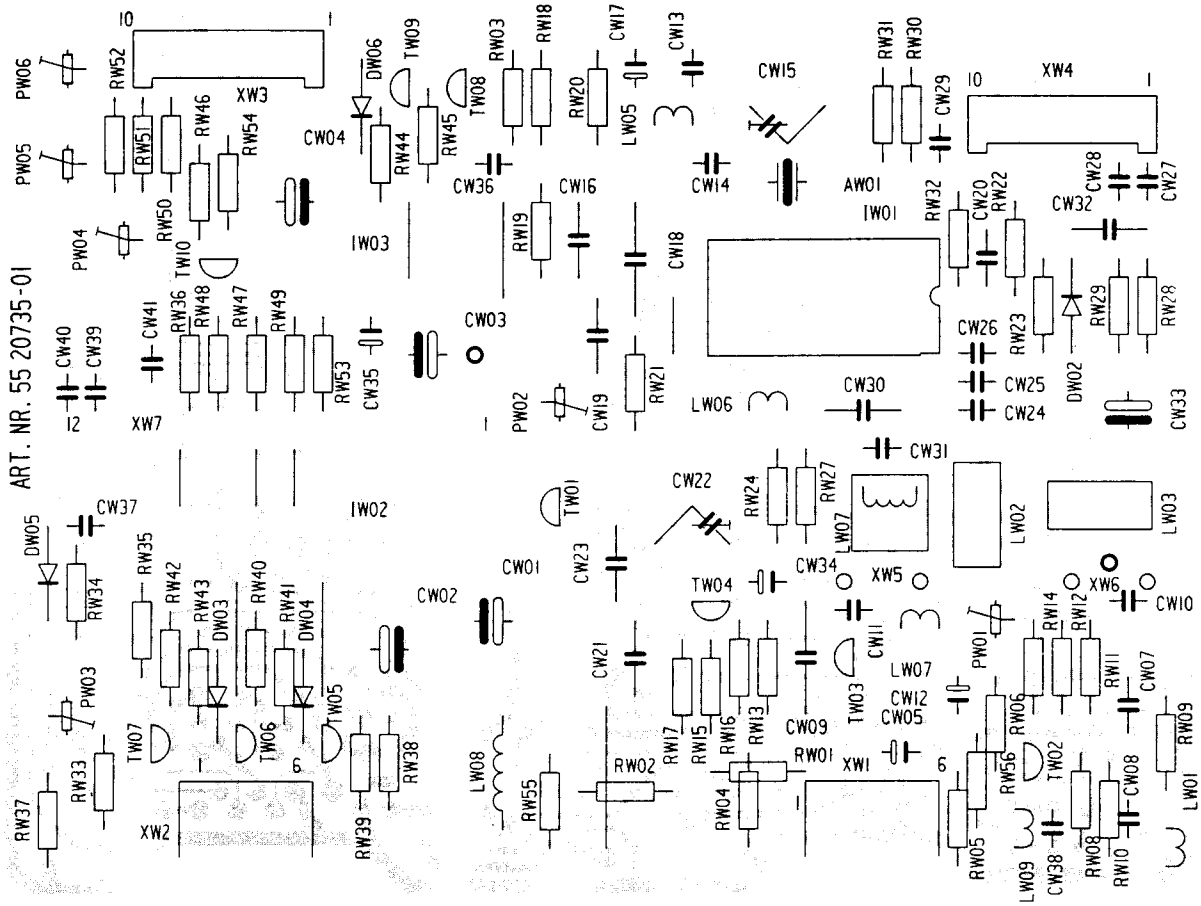


FOLIESIDA
PRINTED SIDE
LÖTSEITE

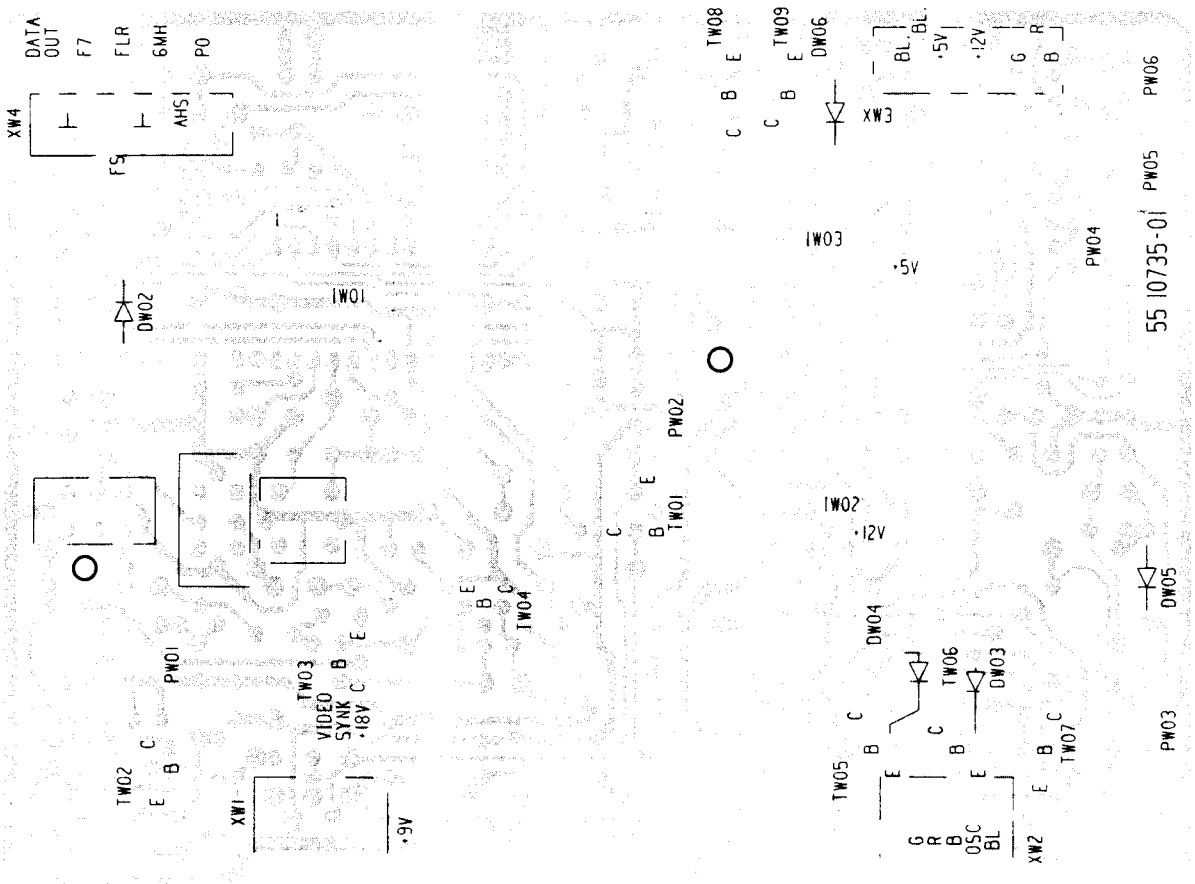
ANALOG MODUL
ARTIKEL NR 55 20735-01

ANALOGUS MODULE
PART NO 55 20735-01

ANALOG-MODUL
ARTIKEL NR 55 20735-01



KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



FOLIESIDA
PRINTED SIDE
LÖTSEITE

IW01	SAA 5030	64 90051-01
02	UA78M12UC	64 50006-01
03	UA7805UC	64 50018-01
TW01	BC 547A	63 10066-01
02	BC 548C	63 10021-01
03	BC 557A	63 10013-01
04	BC 547A	63 10066-01
05-07	BC 548C	63 10021-01
08,09	BC 547A	63 10066-01
10	BC 548C	63 10021-01

DW02-06	1N4148	63 08824-01
LW01	Coil 5,6 µH	59 00243-01
02	Coil 3 µH	59 40070-01
03	Coil 14 µH	59 40069-01
04	Coil 15 µH	59 00220-01
05	Coil 10 µH	59 00225-01
06	Coil 33 µH	59 00223-01
07	Coil 9,4 µH	59 40297-01
08	Coil 33,7 µH	59 00340-01

AW01	X-tal 6MHz	63 90014-01
PW01	Pot 1 KΩ	61 80020-01
02	Pot 10 KΩ	61 82002-01
03-06	Pot 470 Ω	61 80019-01
CW15,22	6-80 pF	62 80004-01

SÄNDARFUNKTIONS TABELL

TRANSMITTER FUNCTION TABLE

SENDER-FUNKTIONS-TABELLE

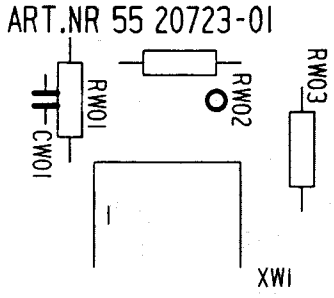
TRANSMITTER FUNCTION TABLE

	190 9013	190 9012	190 9011	190 9010	190 9014	190 9511	190 9512	190 9596
B1	⏻	⏻	⏻	⏻	⏻	⏻	⏻	○ (♪)
C1	Program	Program	Program	Program	Program		Program	
D1	Normal	Normal	Normal	Normal	Normal	Normal	Normal	>○<
E1	Tuning +	Tuning +	Tuning +	Tuning +				
F1	Tuning −	Tuning −	Tuning −	Tuning −				
G1	Q	Q	Q	Q	Q	Q	Q	Q
H1	Next	Next	Next	Next	Next	Next	Next	
C2	Last	Last					Wait	
D2	Clock	Clock					Halt	
E2	Halt	Halt					Reveal	
F2	Memo	Memo						
G2	Store	Store						
H2	Large	Large					Clock	
A3	I	I	I	I	I	I	Large	
B3	2	2	2	2	2	2	I	I
C3	3	3	3	3	3	3	2	2
D3	4	4	4	4	4	4	3	3
E3	5	5	5	5	5	5	4	4
F3	6	6	6	6	6	6	5	5
G3	7	7	7	7	7	7	6	6
H3	8	8	8	8	8	8	7	7
A4	9	9	9	9	9	9	8	8
B4	0	0	0	0	0	0	9	9
C4							0	10
D4								11
E4								12
F4								13
G4								14
H4						A.V		15
C5	WBSS ○	Loudness ○	WBSS ○	Loudness ○	Loudness ○	Loudness ○	Loudness ○	16
D5	WBSS ○	Loudness ○	WBSS ○	Loudness ○	Loudness ○	Loudness ○	Loudness ○	♪
A6	Balance ◁	Treble +	Balance ◁	Treble +	Treble +			
B6	Balance ▷	Treble −	Balance ▷	Treble −	Treble −			
C6	Bright +	Bright +	Bright +	Bright +	Bright +	Bright +	Bright +	☼ +
D6	Bright −	Bright −	Bright −	Bright −	Bright −	Bright −	Bright −	☼ −
E6	Colour +	Colour +	Colour +	Colour +	Colour +	Colour +	Colour +	○○ +
F6	Colour −	Colour −	Colour −	Colour −	Colour −	Colour −	Colour −	○○ −
G6	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +	◁ +
H6	Volume −	Volume −	Volume −	Volume −	Volume −	Volume −	Volume −	◁ −
E7	AUX	AUX	AUX	AUX	AUX			
F7	Mix	Mix						
G7	Text	Text					Text	
H7	Channel	Channel	Channel	Channel			Mix	

DUMMY RGB
ARTIKEL NR 55 20723-01

DUMMY RGB
PART NO 55 20728-01

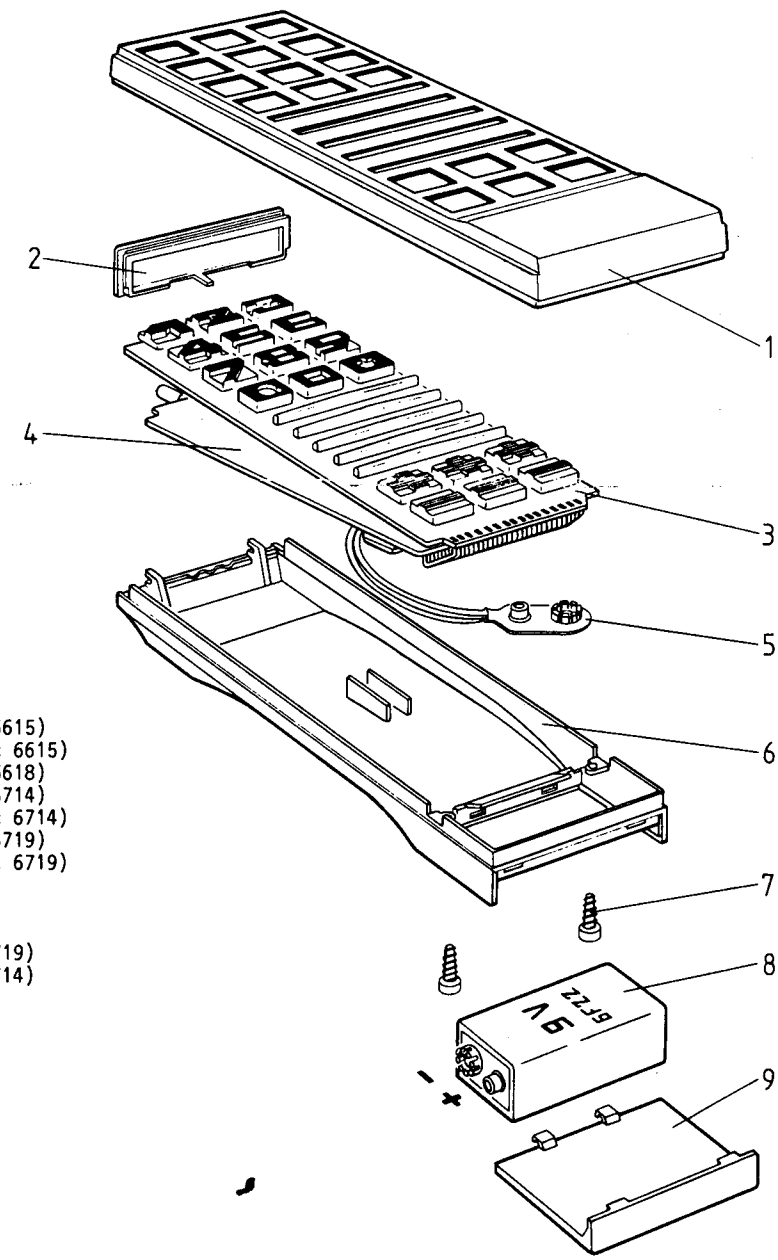
DUMMY RGB
ARTIKEL NR 55 20723-01



SÄNDARE
ARTIKEL NR
190 9013-10 (LUXOR 6615)
190 9013-20 (SKANTIC 6615)
190 1911-10 (LUXOR 6618)
190 9010-10 (LUXOR 6714)
190 9010-20 (SKANTIC 6714)
190 9012-10 (LUXOR 6719)
190 9012-20 (SKANTIC 6719)

TRANSMITTER
PART NO
190 9013-10 (LUXOR 6615)
190 9013-20 (SKANTIC 6615)
190 1911-10 (LUXOR 6618)
190 9010-10 (LUXOR 6714)
190 9010-20 (SKANTIC 6714)
190 9012-10 (LUXOR 6719)
190 9012-20 (SKANTIC 6719)

SENDER
ARTIKEL NR
190 9013-10 (LUXOR 6615)
190 9013-20 (SKANTIC 6615)
190 1911-10 (LUXOR 6618)
190 9010-10 (LUXOR 6714)
190 9010-20 (SKANTIC 6714)
190 9012-10 (LUXOR 6719)
190 9012-20 (SKANTIC 6719)

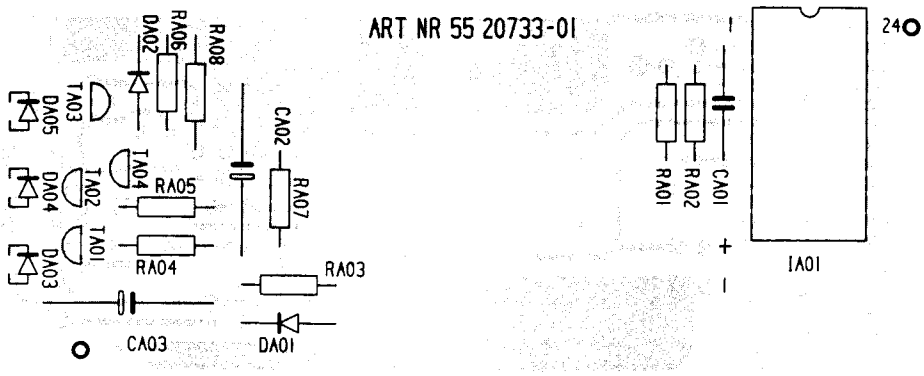


1. 53 20002-13 (Luxor 6615)
   53 20002-23 (Skantic 6615)
   53 20002-11 (Luxor 6618)
   53 20002-10 (Luxor 6714)
   53 20002-20 (Skantic 6714)
   53 20002-12 (Luxor 6719)
   53 20002-22 (Skantic 6719)
2. 53 20005-01
3. 55 40014-50 (6615,6719)
   55 40015-50 (6618,6714)
4. 55 20733-01
5. 43 50014-01
6. 53 20003-01
7. 51 10477-10
8. 96 00026-01
9. 53 20004-01

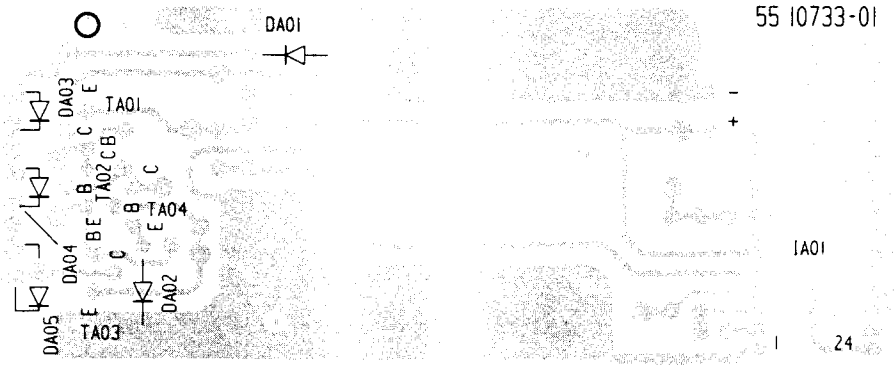
KRETSKORT SÄNDARE
ARTIKEL NR 55 20733-01

P.C.BOARD TRANSMITTER
PART NO 55 20733-01

SENDER-PLATINE
ARTIKEL NR 55 20733-01



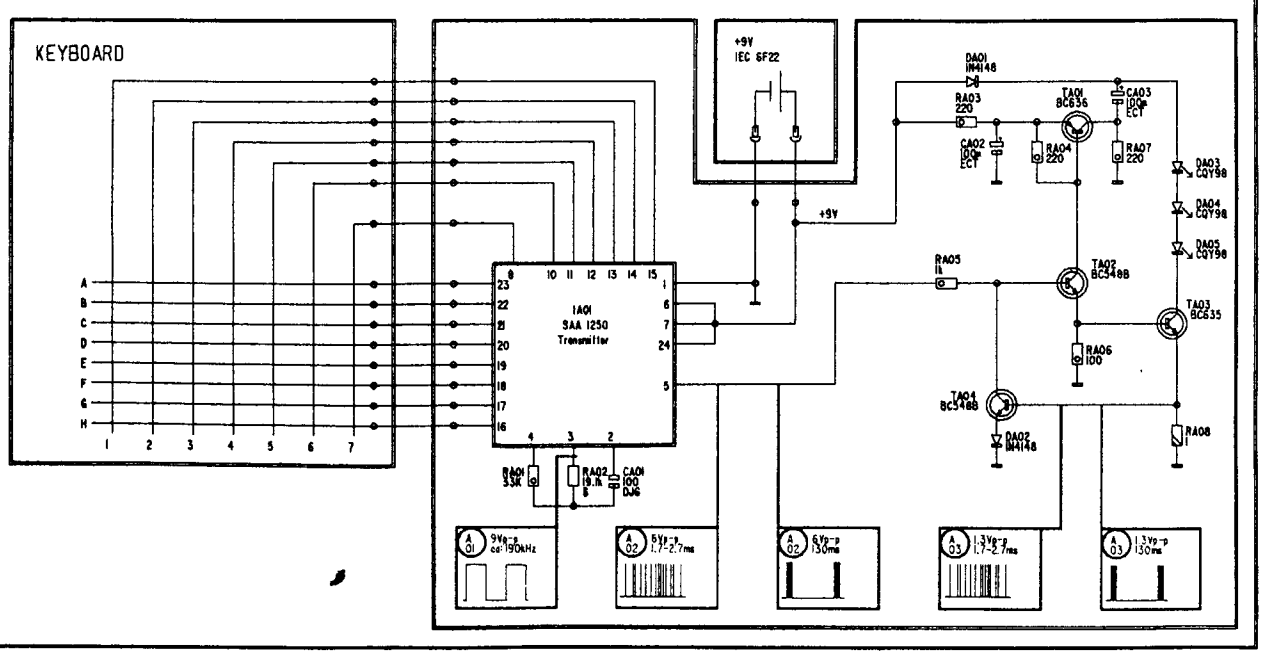
KOMPONENTSIDA
COMPONENT SIDE
BESTÜCKUNGSSEITE



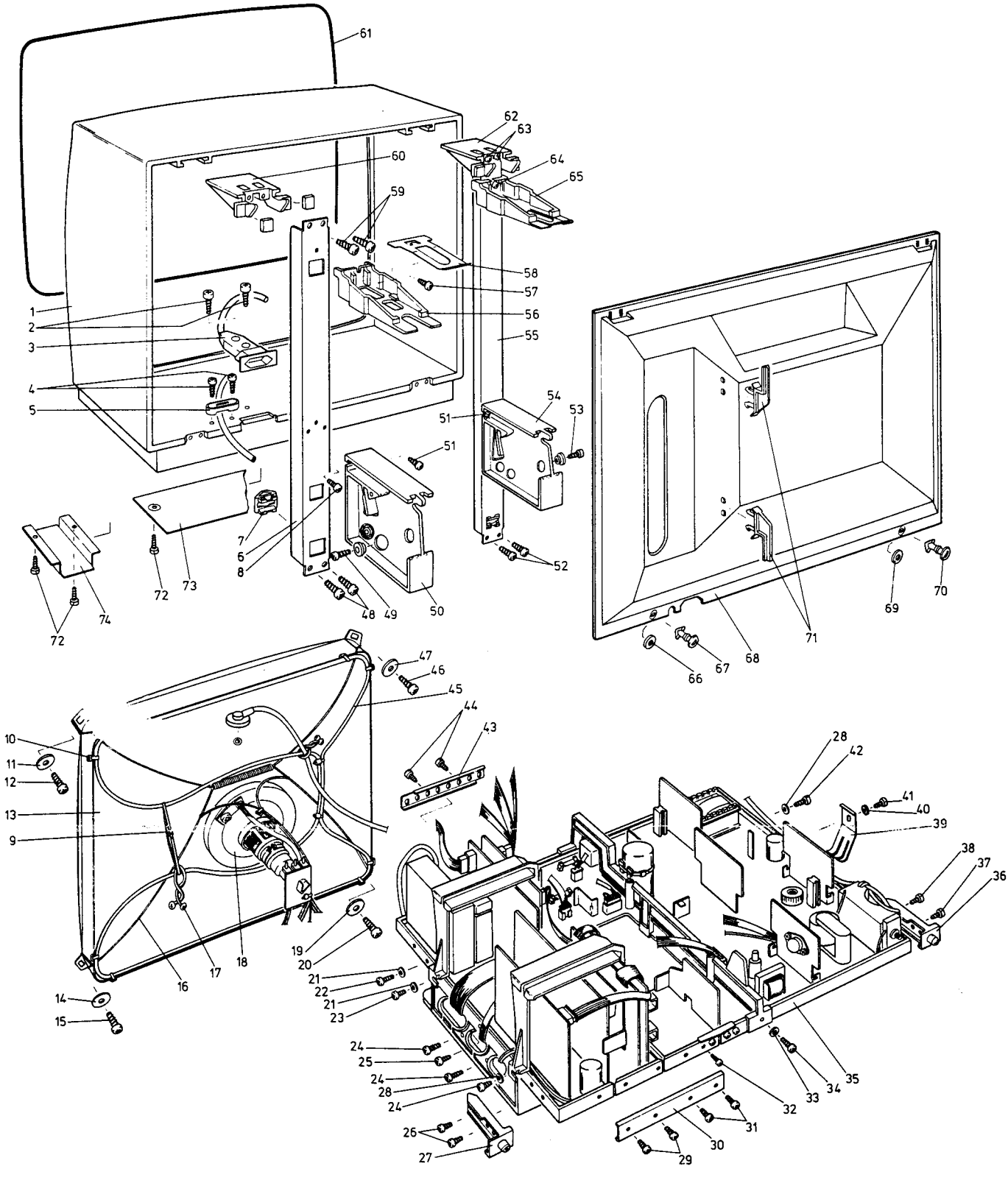
FOLIESIDA
PRINTED SIDE
LÖTSEITE

IA01	SAA 1250	64 90057-01	TA03	BC 635	63 10086-01	DA03-05	CQY 98	63 50003-01
TA01	BC 636	63 10032-01	04	BC 548B	63 10056-01		Alt LD271	63 40082-02
02	BC 548B	63 10056-01	DA01,02	1N4148	63 08824-01	RA02	19,1 KΩ	61 40198-01

AI REMOTE CONTROL TRANSMITTER

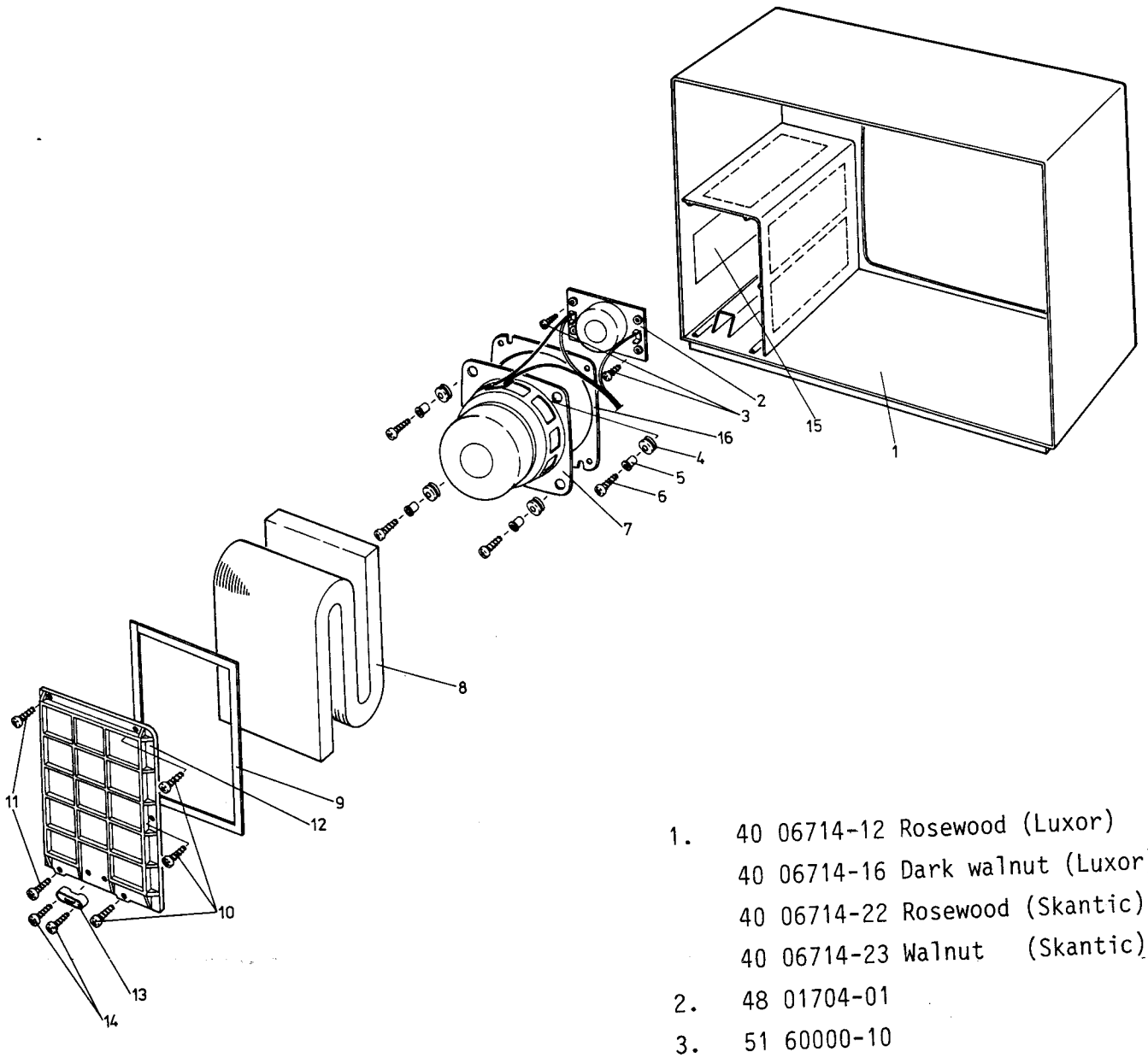


SPRÄNGRITNING EXPLODED VIEW SPRENGZEICHNUNG



1.	40 06615-17	Coffe brown(Luxor)
	40 06615-27	Mocca brown(Skantic)
2.	51 60002-10	
3.	43 50026-01	
4.	51 60001-10	
5.	52 20026-02	
6.	44 20681-15	
7.	53 40007-01	
8.	51 10798-10	
9.	52 20002-01	
10.	52 20001-01	
11.	49 31975-11	
12.	51 60002-10	
13.	65 00024-01	(6714/6719)
	65 00047-01	(6615/6618)
14.	49 31975-11	
15.	51 60002-10	
16.	43 01327-01	
17.	52 20004-01	
18.	59 60068-01	
19.	49 31975-11	
20.	51 60002-10	
21.	49 11215-11	
22.	51 10798-10	
23.	51 10799-10	
24.	51 10799-10	
25.	51 10798-10	
26.	51 10798-10	
27.	53 30412-01	
28.	49 11215-11	
29.	51 10798-10	
30.	44 20600-01	
31.	51 10798-10	
32.	51 10477-10	
33.	49 11215-11	
34.	51 10798-10	
35.	55 20787-01	
36.	53 30412-01	
37.	51 10798-10	
38.	51 10798-10	
39.	44 20285-05	
40.	49 11333-10	
41.	51 10798-10	
42.	51 10798-10	
43.	44 20686-01	
44.	51 10798-10	
45.	59 30025-01	
46.	51 60002-10	
47.	49 31975-11	
48.	51 60001-10	
49.	51 10799-10	
50.	53 10007-01	
51.	51 10798-10	
52.	51 60001-10	
53.	51 10799-10	
54.	53 10007-01	
55.	44 20681-15	
56.	53 30437-02	
57.	51 10798-10	
58.	47 40016-01	
59.	51 60001-10	
60.	53 30445-02	
61.	40 10086-01	
62.	53 30445-02	
63.	51 60001-10	
64.	51 10798-10	
65.	53 30437-02	
66.	49 20046-01	
67.	53 40006-01	
68.	40 46615-02	
69.	49 20046-01	
70.	53 40006-01	
71.	53 04751-01	
72.	51 10007-10	
73.	44 00095-07	
74.	44 20699-07	

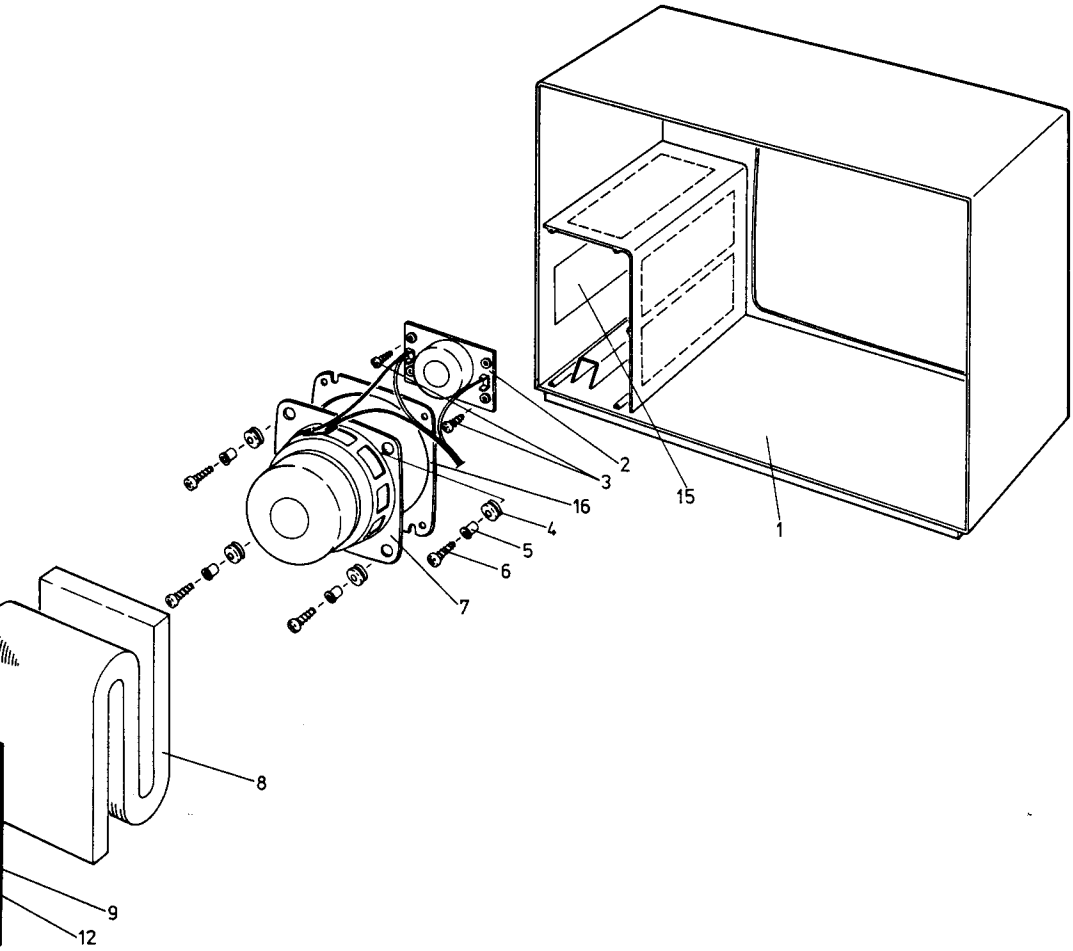
SPRÄNGRITNING EXPLODED VIEW SPRENGZEICHNUNG KABELI SCHEM

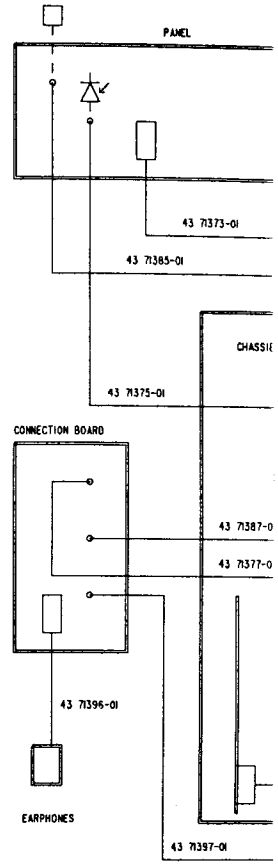


1. 40 06714-12 Rosewood (Luxor)
   40 06714-16 Dark walnut (Luxor)
   40 06714-22 Rosewood (Skantic)
   40 06714-23 Walnut (Skantic)
2. 48 01704-01
3. 51 60000-10
4. 53 00141-01
5. 54 20021-01
6. 51 60001-10
7. 48 05904-01
8. 53 00091-01
9. 53 40010-01
10. 51 60001-10
11. 51 60001-10
12. 53 00126-01
13. 52 20026-01
14. 51 60001-10
15. 40 80038-01
16. 53 00127-01

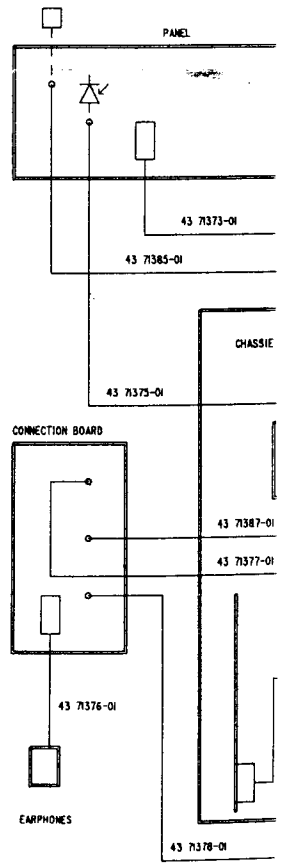
EXPLODED VIEW SPRENGZEICHNUNG

KABELFÖRBINDNINGS-
SCHEMA





1. 40 06714-12 Rosewood (Luxor)
   40 06714-16 Dark walnut (Luxor)
   40 06714-22 Rosewood (Skantic)
   40 06714-23 Walnut (Skantic)
2. 48 01704-01
3. 51 60000-10
4. 53 00141-01
5. 54 20021-01
6. 51 60001-10
7. 48 05904-01
8. 53 00091-01
9. 53 40010-01
10. 51 60001-10
11. 51 60001-10
12. 53 00126-01
13. 52 20026-01
14. 51 60001-10
15. 40 80038-01
16. 53 00127-01

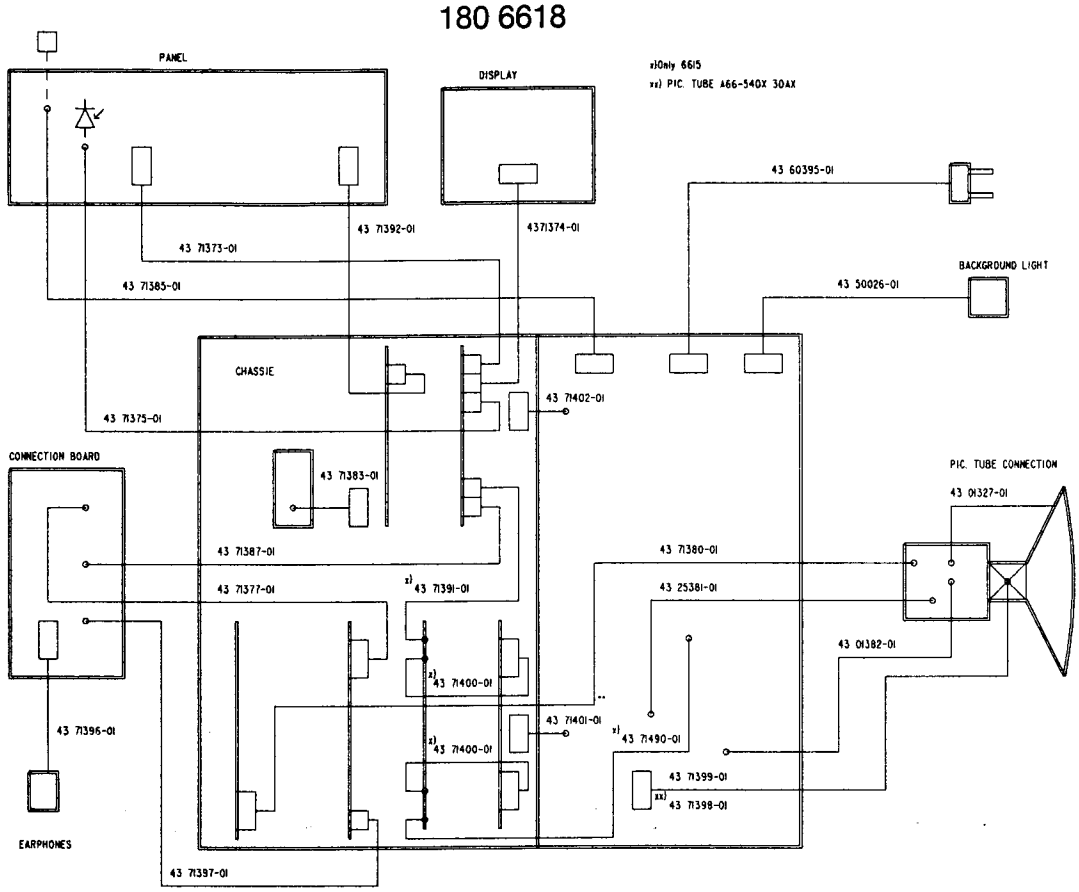


KABELFÖRBINDNINGS-SCHEMA

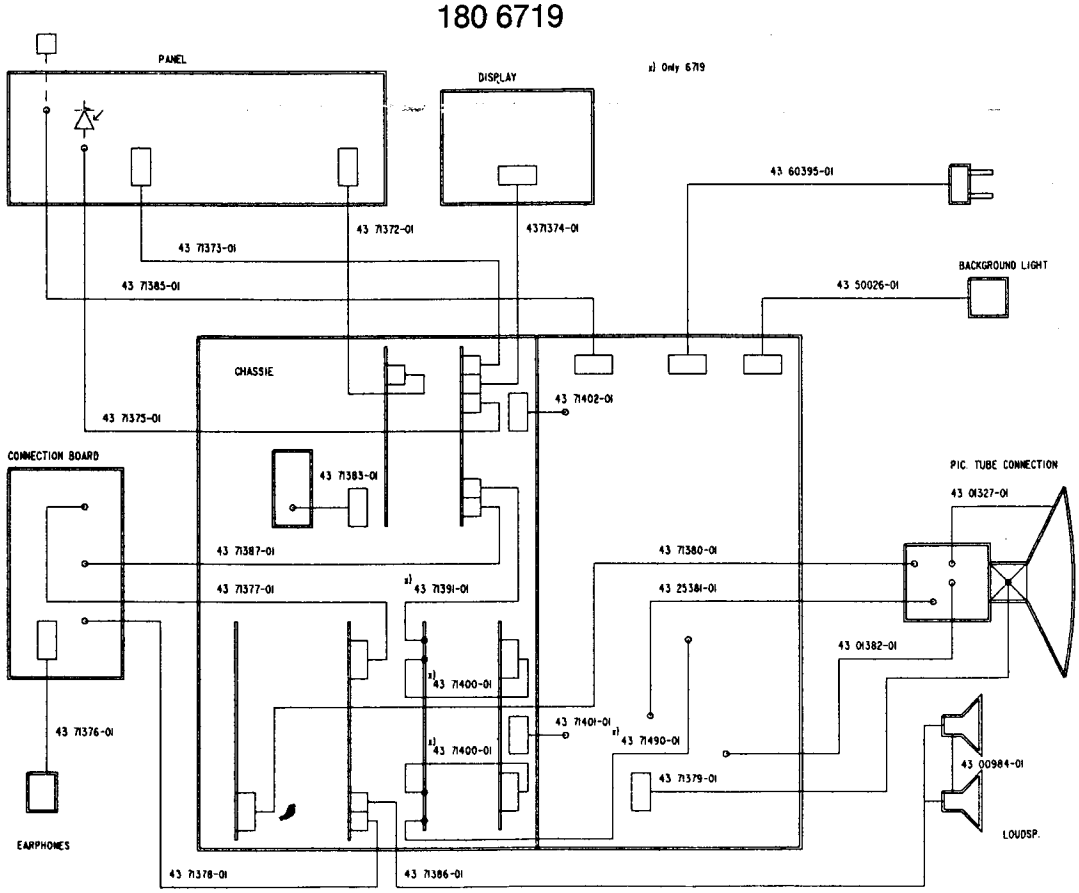
LEAD CONNECTION DIAGRAM

SCHALTBILD KABELVERBINDUNG

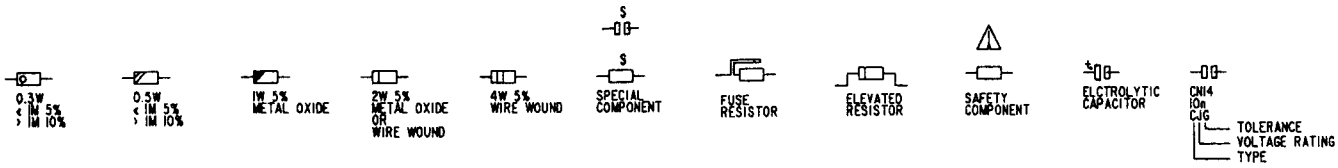
180 6615
180 6618



180 6714
180 6719



KOMPONENTSYMBOLER COMPONENT SYMBOLS SYMBOLE DER BAUTEILE



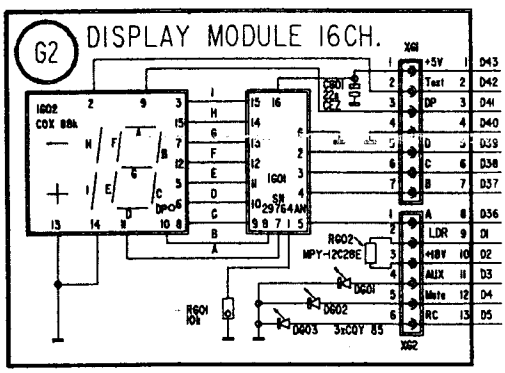
CAPACITOR CLASSIFICATION TABLE

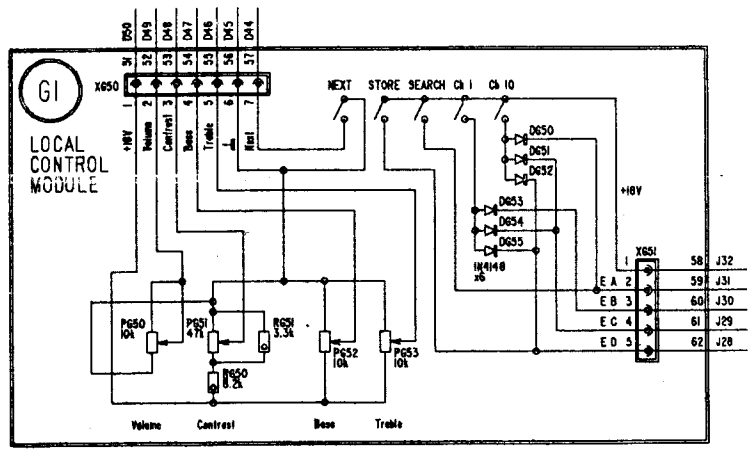
TYPE	CODE	VOLTAGE RATING	CODE	VOLTAGE RATING	CODE	TOLERANCE	CODE
POLYESTER	A	3 V	A	250 V	M	1 %	F
POLYCARBONATE	B	6	B	350	N	2	G
CERAMIC	C	10	C	385	O	2.5	H
POLYSTYRENE (STYROLI	D	16	D	400	P	5	J
ELECTROLYTIC	E	25	E	450	R	10	K
POLYPROPYLENE	F	35	F	500	S	20	M
MET. PAPER	P	40	G	630	T	-20+80	Z
TANTALUM	T	50	H	1000	U	-10+50	T
		63	J	1500	W	-10+75	X
		100	K	2000	X		
		160	L				

KOPPLINGSSCHEMATS UPPBYGGNAD
SE T5C-1

EXPLANATIONS CONCERNING THE CIRCUIT DIAGRAM
SEE T5C-1

AUFBAU DES SCHALT-SCHEMAS
SIEHE T5C-1

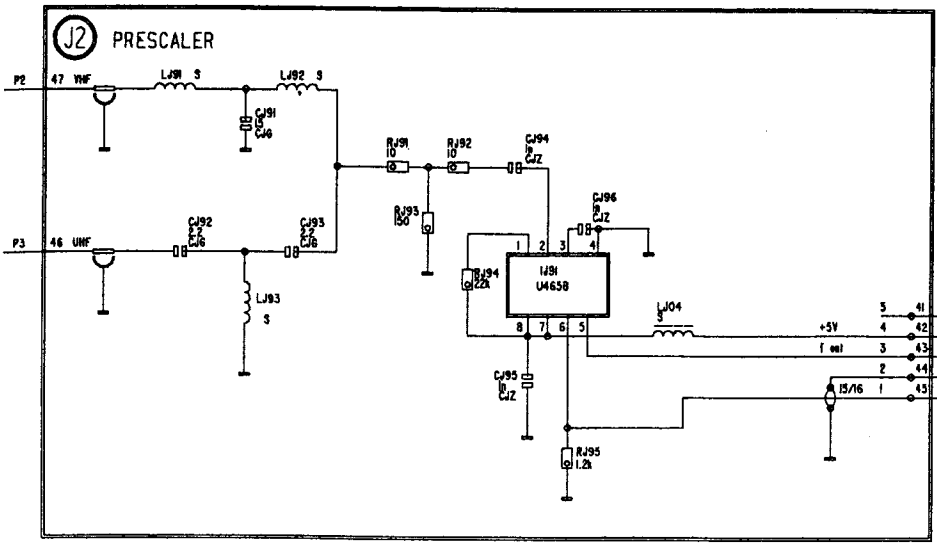


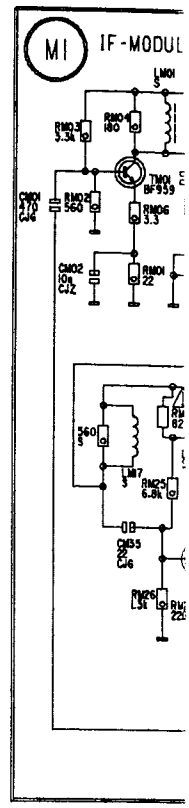


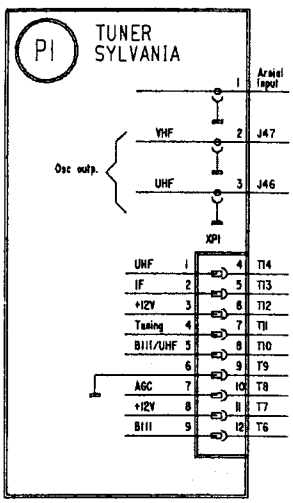
Smärre avvikelser från schemat kan förekomma på grund av ändringar företagna under produktionen

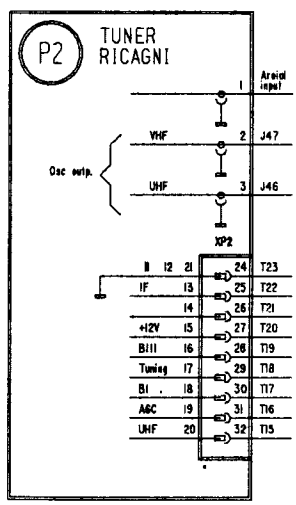
Minor deviations from the circuit diagram may occur due to alterations during production

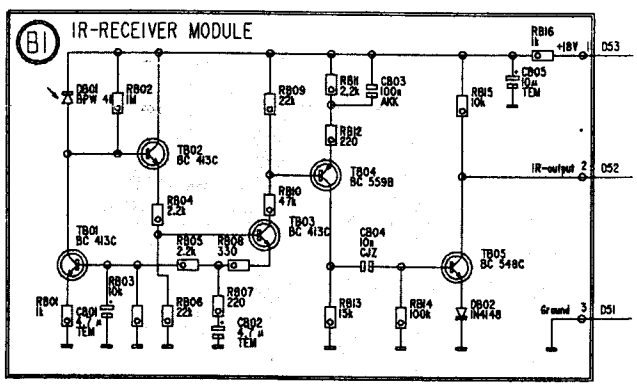
Kleine Abweichungen dieses Schaltschemas können auf grund von Änderungen während der Produktion vorkommen

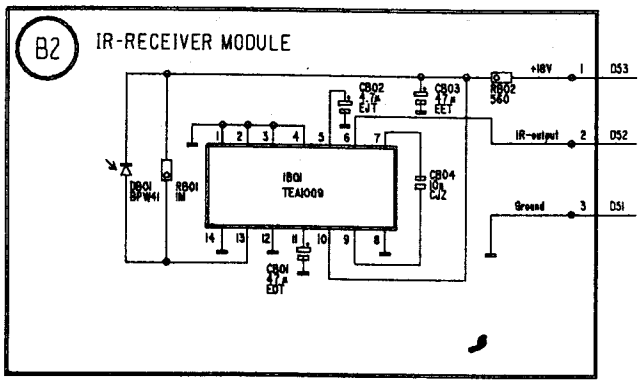

J2
PRESCALER
P2
47 VHF
P3
46 UHF
LJ91 S
LJ92 S
LJ93 S
CJ91 5p6 CJ6
CJ92 2p2 CJ6
CJ93 2p2 CJ6
RJ91 10
RJ92 10
RJ93 150
CJ94 2p2 CJ2
CJ96 2p2 CJ2
IJ91 U4658
RJ94 22k
LJ04 S
CJ95 10n CJ2
RJ95 1.2k
+5V
f out
15/16
T5
T4
T3
T2
T1

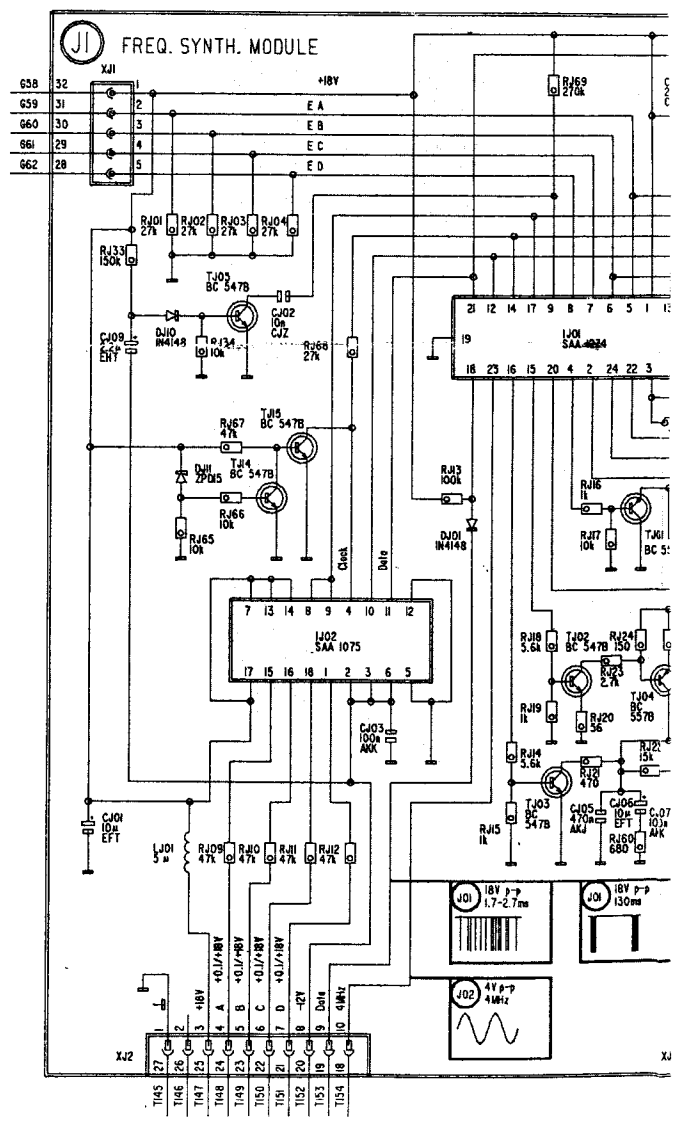

M1
IF-MODUL
LM01 S
RM03 3.3k
RM04 180
TM01 BF 959
RM02 560
RM06 3.3
CM01 470 CJ6
CM02 10n CJ2
RM01 22
S60 S
RM25 6.8k
CM55 22 CJ6
RM26 1.5k

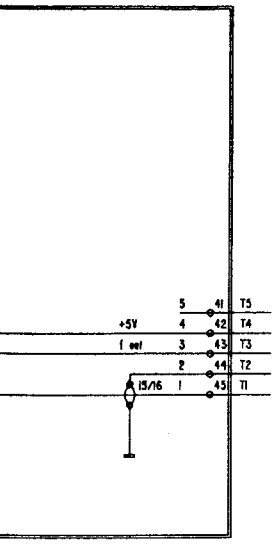

P1
TUNER
SYLVANIA
Aerial input
VHF
UHF
Osc outp.
J47
J46
XP1
UHF
IF
+12V
Tuning
BIII/UHF
AGC
BIII
T14
T13
T12
T11
T10
T9
T8
T7
T6

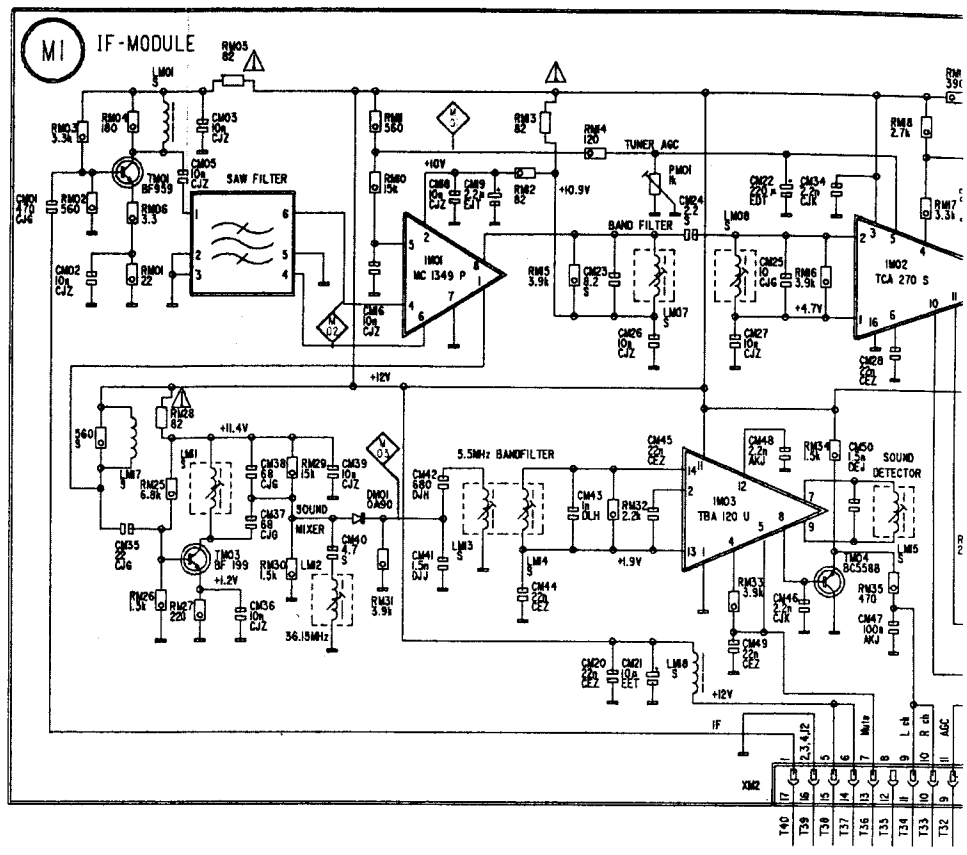

P2
TUNER
RICAGNI
Aerial input
VHF
UHF
Osc outp.
J47
J46
XP2
IF
+12V
BIII
Tuning
BI
AGC
UHF
T23
T22
T21
T20
T19
T18
T17
T16
T15


B1
IR-RECEIVER MODULE
+18V
IR-output
Ground
D53
D52
D51
DB01 BPW 41
RB02 1M
TB02 BC 413C
TB01 BC 413C
TB03 BC 413C
TB04 BC 559B
TB05 BC 548C
RB01 1k
RB03 10k
RB04 2.2k
RB05 2.2k
RB06 22k
RB07 220
RB08 330
RB09 22k
RB10 47k
RB11 2.2k
RB12 220
RB13 15k
RB14 100k
RB15 10k
RB16 1k
CB01 4.7µ TEM
CB02 4.7µ TEM
CB03 100n AKK
CB04 10n CJZ
CB05 10n TEM
DB02 IN4148

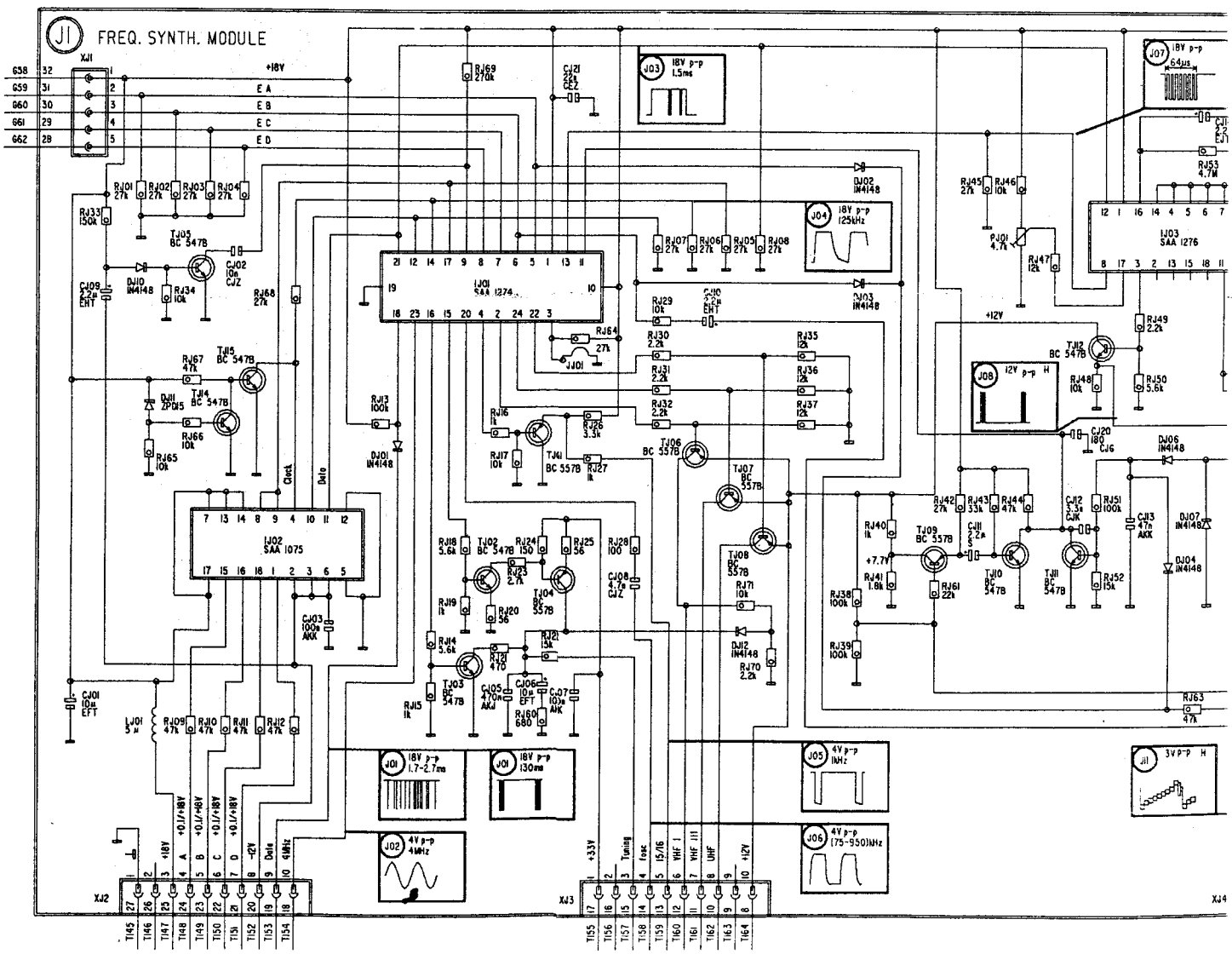

B2
IR-RECEIVER MODULE
+18V
IR-output
Ground
D53
D52
D51
DB01 BPW41
RB01 1M
IB01 TEA1009
CB01 4.7µ EBT
CB02 2.7µ EBT
CB03 4.7µ EBT
RB02 560
CB04 10n CJZ

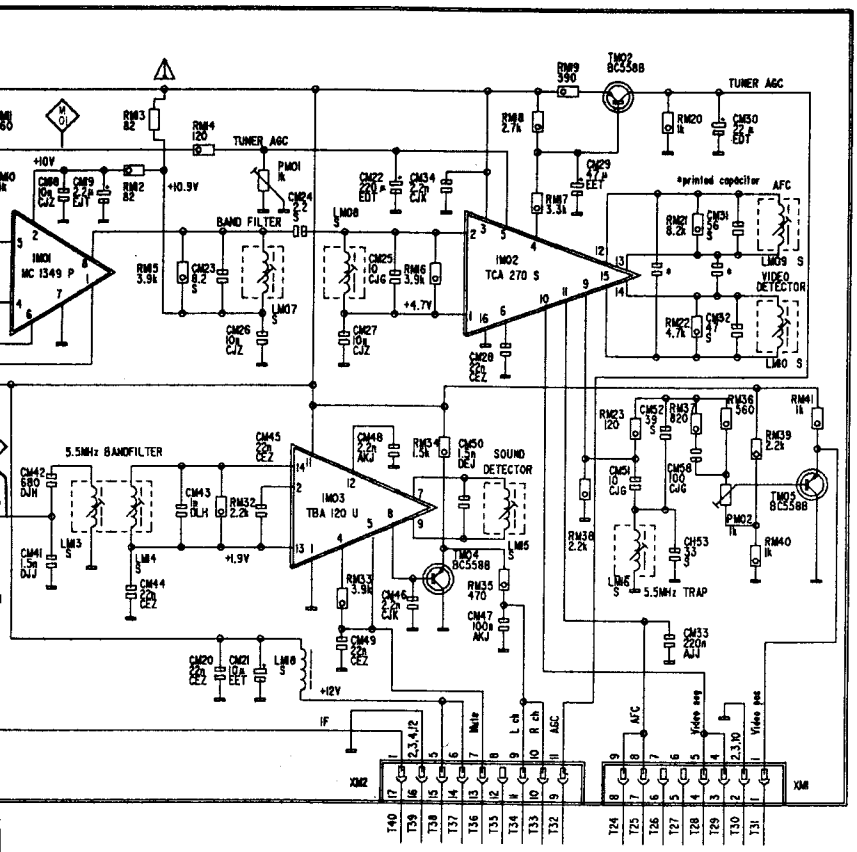

J1
FREQ. SYNTH. MODULE
XJ1
G58
G59
G60
G61
G62
+18V
E A
E B
E C
E D
RJ01 27k
RJ02 27k
RJ03 27k
RJ04 27k
RJ33 150k
TJ05 BC 547B
CJ02 10n CJZ
DJ10 IN4148
RJ34 10k
RJ68 27k
IJ01 SAA 4024
RJ67 47k
TJ15 BC 547B
TJ14 BC 547B
DJ11 ZPD15
RJ66 10k
RJ65 10k
RJ69 270k
RJ3 100k
DJ01 IN4148
RJ16 1k
RJ17 10k
TJ61 BC 5
IJ02 SAA 1075
Clock
Data
CJ03 100n AKK
RJ18 5.6k
TJ02 BC 547B
RJ24 150
RJ23 2.7k
TJ04 BC 557B
RJ19 1k
RJ20 56
RJ14 5.6k
RJ21 15k
RJ22 470
TJ03 BC 547B
CJ05 470n AKJ
CJ06 10n EFT
CJ07 10n AKK
RJ15 1k
RJ60 680
CJ01 10n EFT
LJ01 5µ
RJ09 47k
RJ10 47k
RJ11 47k
RJ12 47k
J01 18V p-p 1.7-2.7ms
J01 18V p-p 130ns
J02 4V p-p 4MHz
XJ2
T145
T146
T147
T148
T149
T150
T151
T152
T153
T154

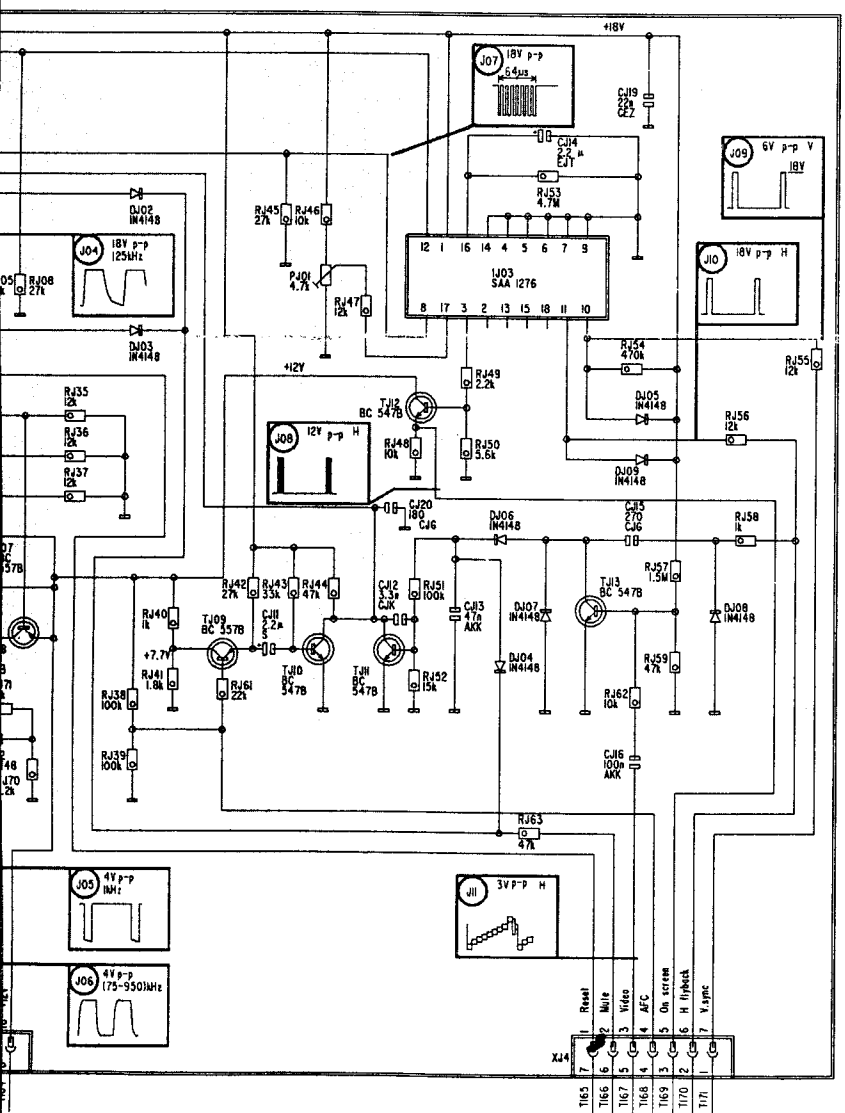


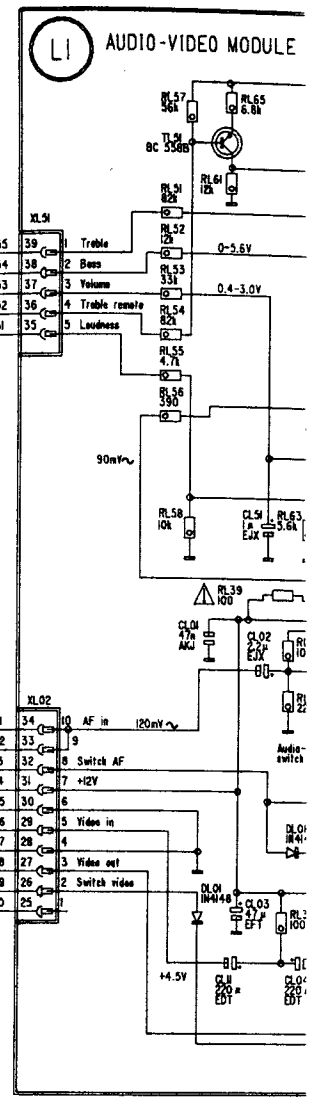

M1
IF-MODULE
SAW FILTER
IM01 MC 1349 P
IM02 TCA 270 S
BAND FILTER
TUNER AGC
5.5MHz BANDFILTER
SOUND DETECTOR
IM03 TBA 120 U
IM04 BC558
SOUND MIXER
IM03 BF 199
36.15MHz
+12V
+11.4V
+10V
+0.9V
+4.7V
+1.9V
+1.2V
IF
XM2

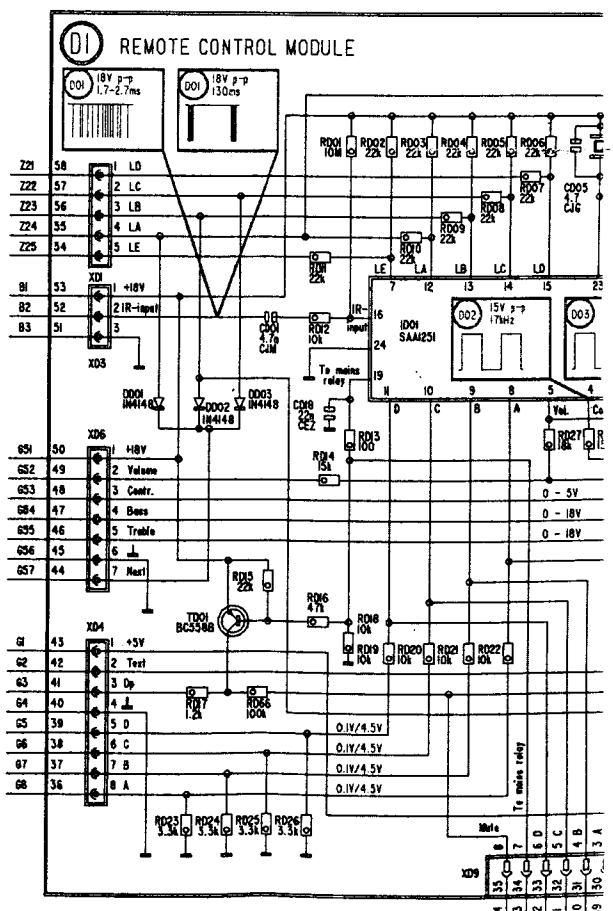
Aerial input
J47
J46
T23
T22
T21
T20
T19
T18
T17
T16
T15

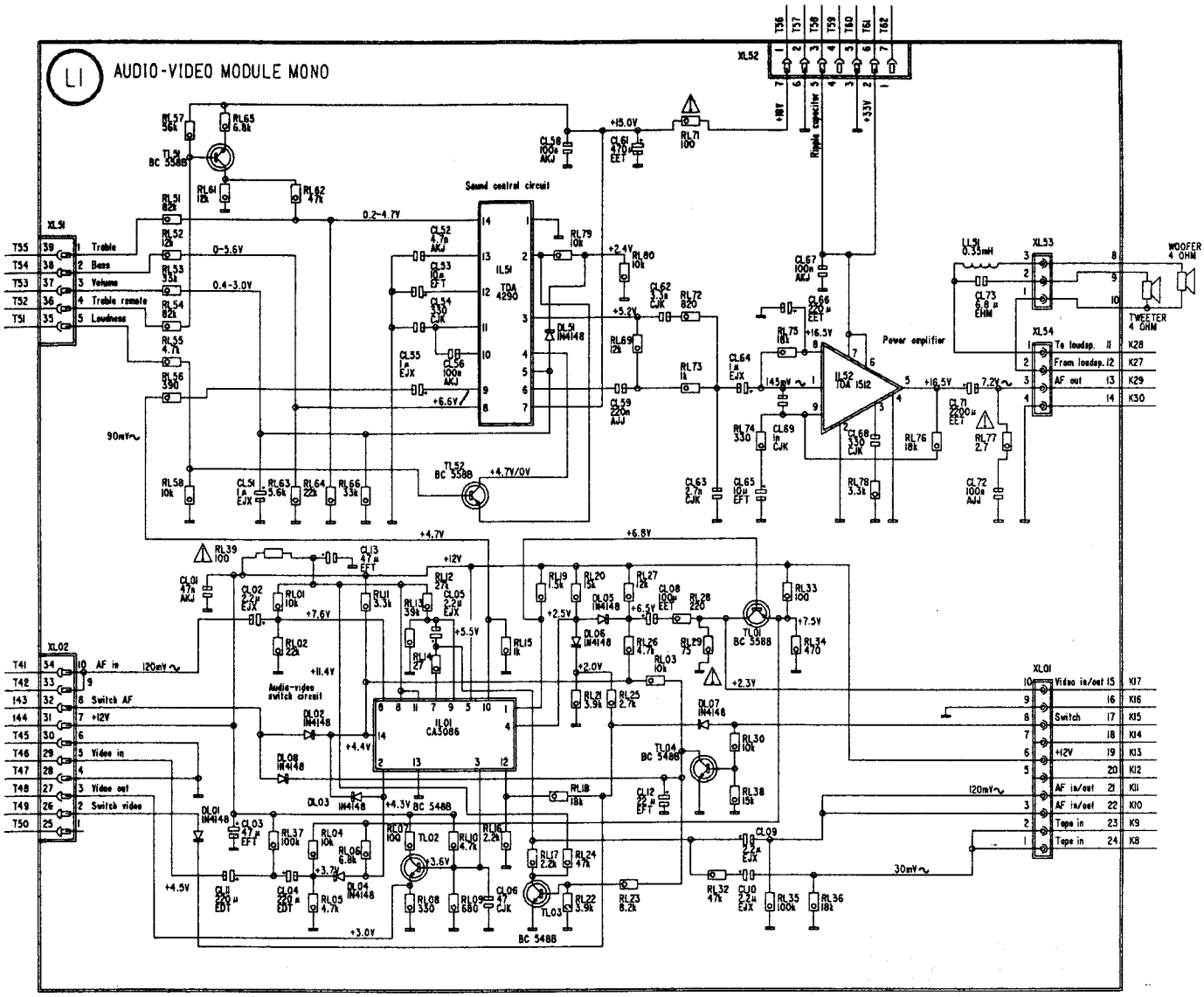

J1
FREQ. SYNTH. MODULE
XJ1
XJ2
XJ3
XJ4
IJ01 SAA 1274
IJ02 SAA 1075
IJ03 SAA 1276
+18V
+12V
+33V
Clock
Data
Tuning
fosc
J01 18V p-p 1.7-2.7ms
J01 18V p-p 130ms
J02 4V p-p 4MHz
J03 18V p-p 1.5ms
J04 18V p-p 125kHz
J05 4V p-p 1kHz
J06 4V p-p (75-950)kHz
J07 18V p-p 64µs
J08 12V p-p H
J11 3V p-p H

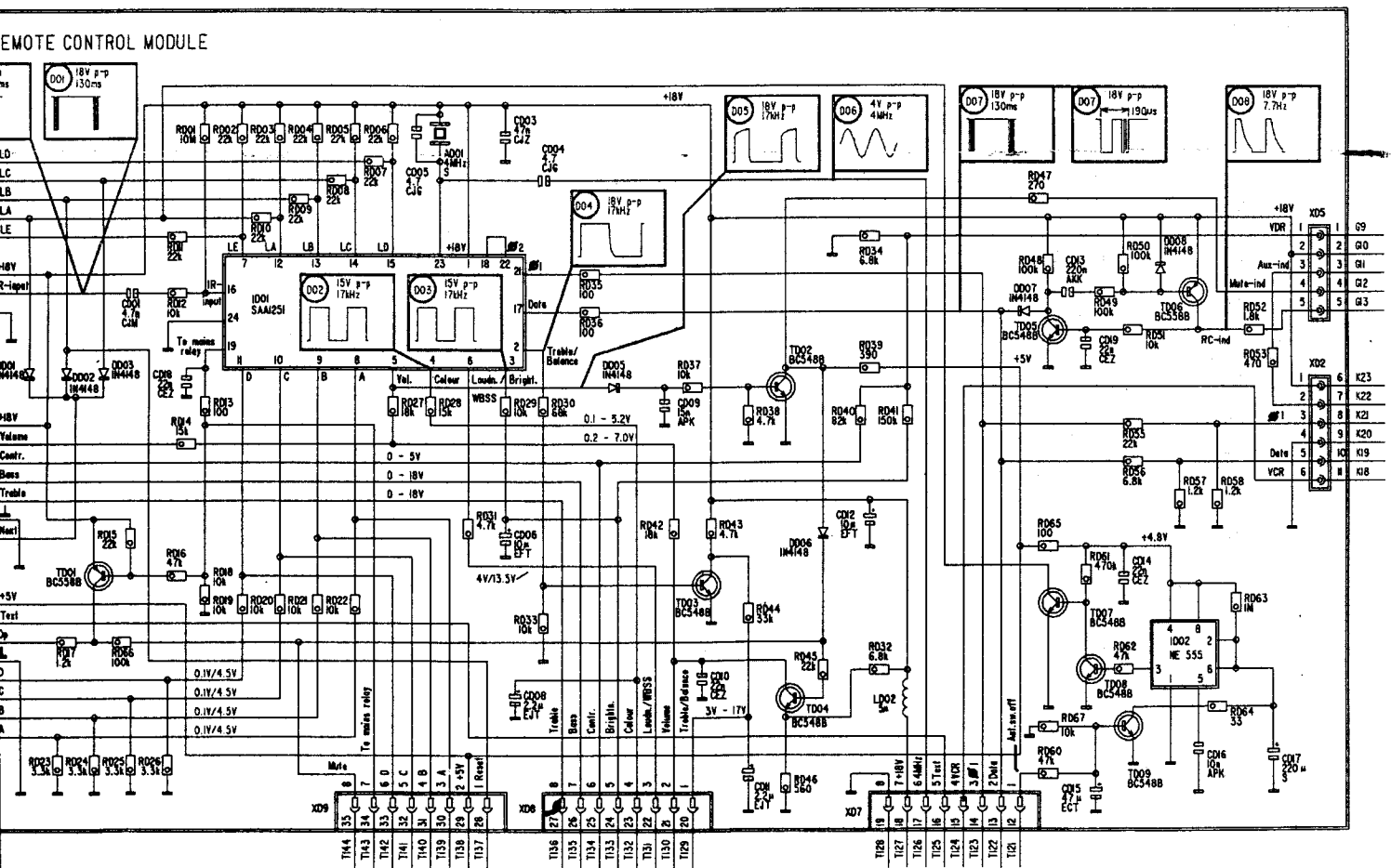

IM01
MC 1349 P
IM02
TCA 270 S
IM03
TBA 120 U
IM04
BC5588
TM01
BC 558B
TM02
BC558B
TM03
BC5588
BAND FILTER
TUNER AGC
VIDEO DETECTOR
SOUND DETECTOR
5.5MHz BANDFILTER
5.5MHz TRAP
+10V
+10.9V
+4.7V
+1.9V
+12V
IF
AFC
XM2
XM1

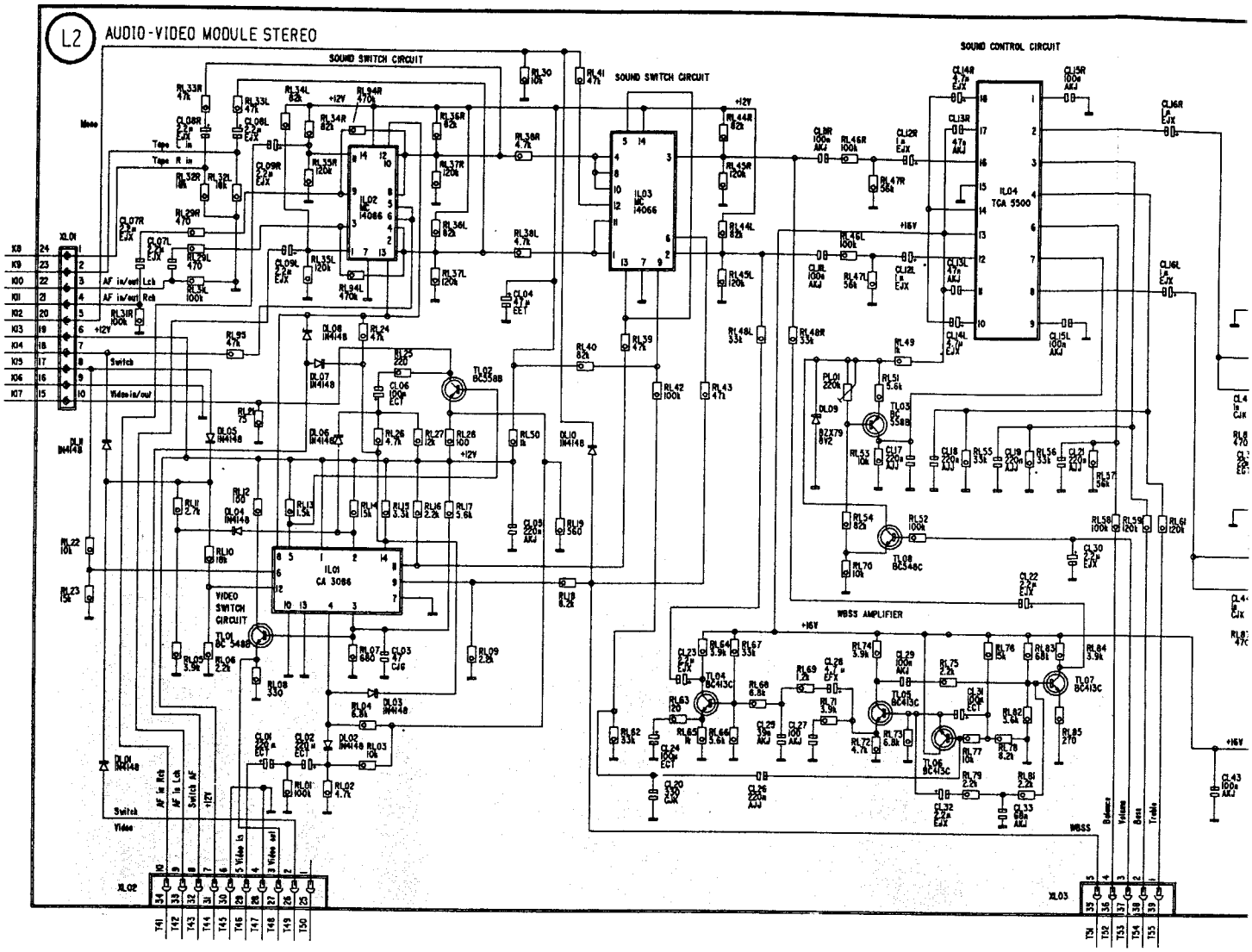

+18V
IJ03
SAA 1276
TJ09
BC 357B
TJ10
BC 547B
TJ11
BC 547B
TJ12
BC 547B
TJ13
BC 547B
DJ01
IN4148
DJ02
IN4148
DJ03
IN4148
DJ04
IN4148
DJ05
IN4148
DJ06
IN4148
DJ07
IN4148
DJ08
IN4148
+12V
+7.7V
XJ4
Reset
Mute
Video
AFC
On screen
H flyback
V.sync

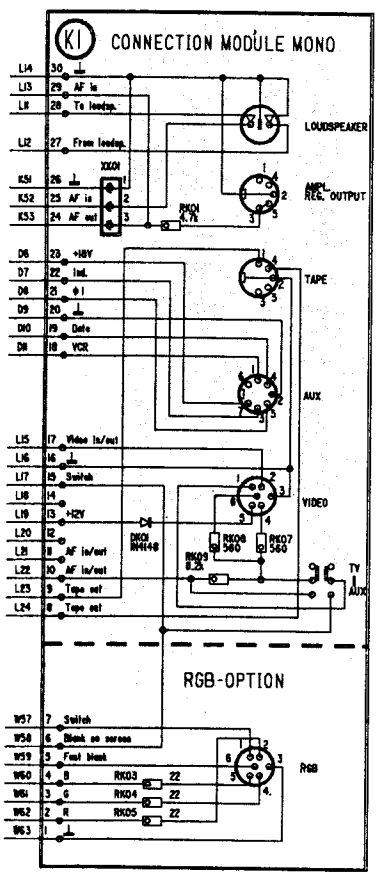

L1
AUDIO-VIDEO MODULE
XL01
XL02
Treble
Bass
Volume
Treble remote
Loudness
AF in
Switch AF
+12V
Video in
Video out
Switch video
0-5.6V
0.4-3.0V
90mV
120mV
+4.5V

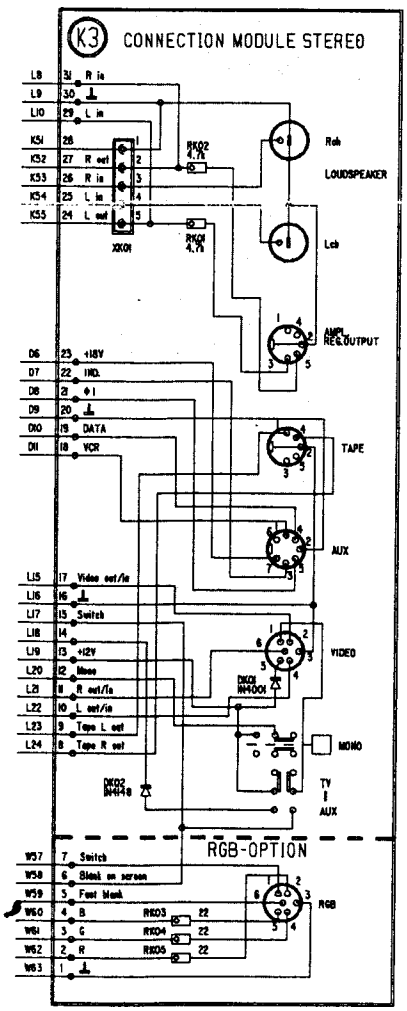

D1
REMOTE CONTROL MODULE
IDD1
SAA1251
TDD1
BC558B
XD1
XD3
XD4
XD6
XD9
+18V
+5V
IR-input
Volume
Contr.
Bass
Treble
Text
Dp
To mains relay
0 - 5V
0 - 18V
0.1V/4.5V

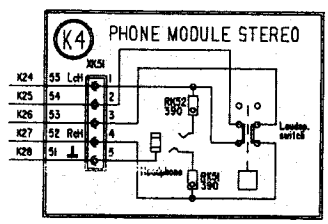

LI
AUDIO-VIDEO MODULE MONO
Sound control circuit
Power amplifier
Audio-video switch circuit
WOOFER 4 OHM
TWEETER 4 OHM

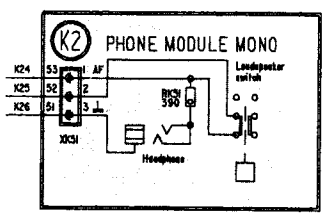

EMOTE CONTROL MODULE

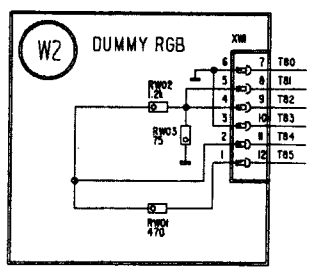

L2
AUDIO-VIDEO MODULE STEREO
SOUND SWITCH CIRCUIT
SOUND CONTROL CIRCUIT
IL01 CA 3086
IL02 MC 14066
IL03 MC 14066
IL04 TCA 5500
VIDEO SWITCH CIRCUIT
WBSS AMPLIFIER
XL01
XL02
XL03

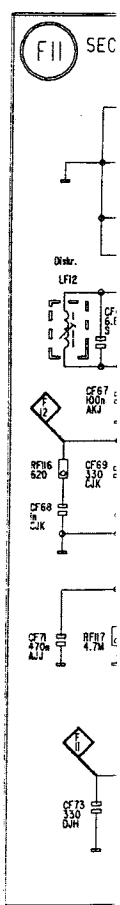

K1
CONNECTION MODULE MONO
LOUDSPEAKER
AMPL REG. OUTPUT
TAPE
AUX
VIDEO
TV
AUX
RGB-OPTION
RGB

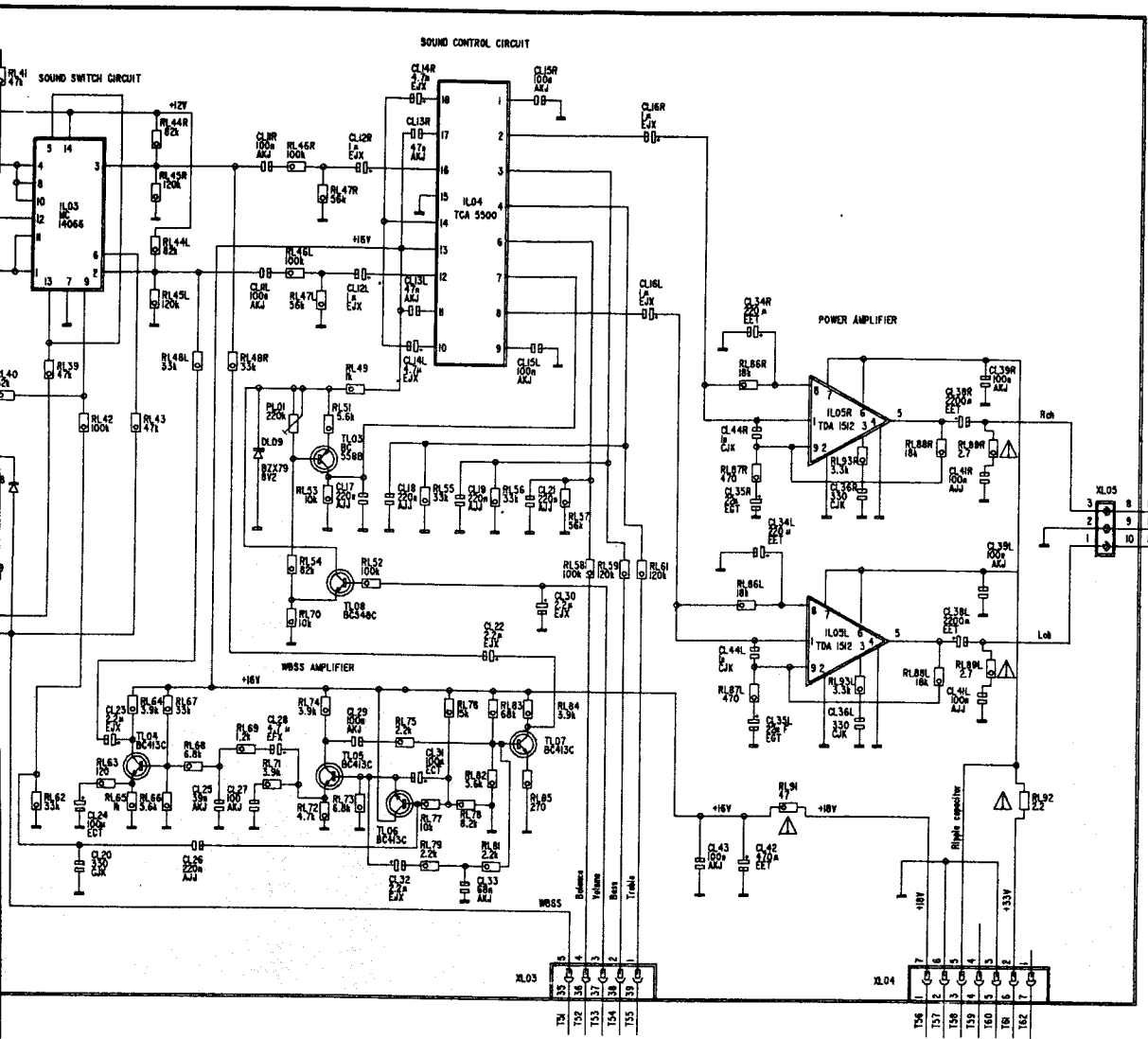

K3
CONNECTION MODULE STEREO
Rch
LOUDSPEAKER
Lch
AMPL REG.OUTPUT
TAPE
AUX
VIDEO
MONO
TV
AUX
RGB-OPTION
RGB

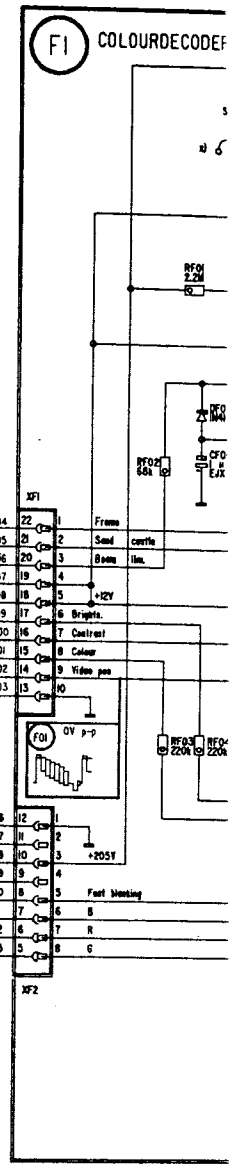

K4
PHONE MODULE STEREO
Headphone
Loudspeaker switch

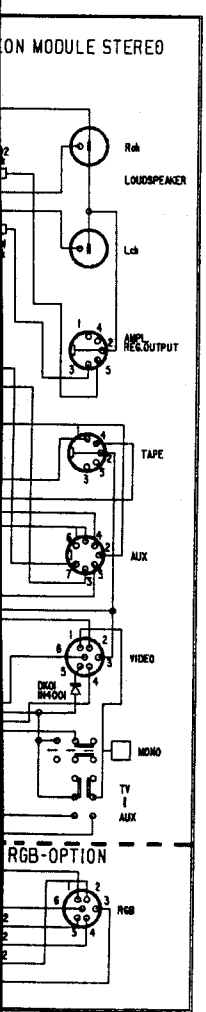

K2
PHONE MODULE MONO
Loudspeaker switch
Headphone

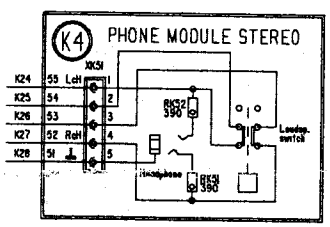

W2
DUMMY RGB

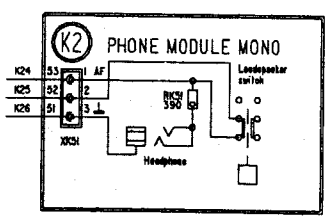

F11
SEC

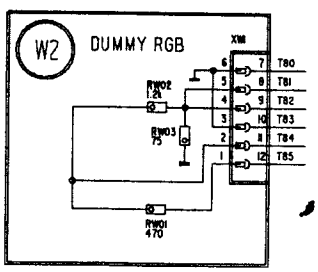

SOUND CONTROL CIRCUIT
SOUND SWITCH CIRCUIT
IL03
IL04
TCA 5500
POWER AMPLIFIER
IL05R
IL05L
TDA 1512
WBSS AMPLIFIER
WBSS
Balance
Volume
Bass
Treble
XL03
XL04
XL05
Right speaker
Left speaker

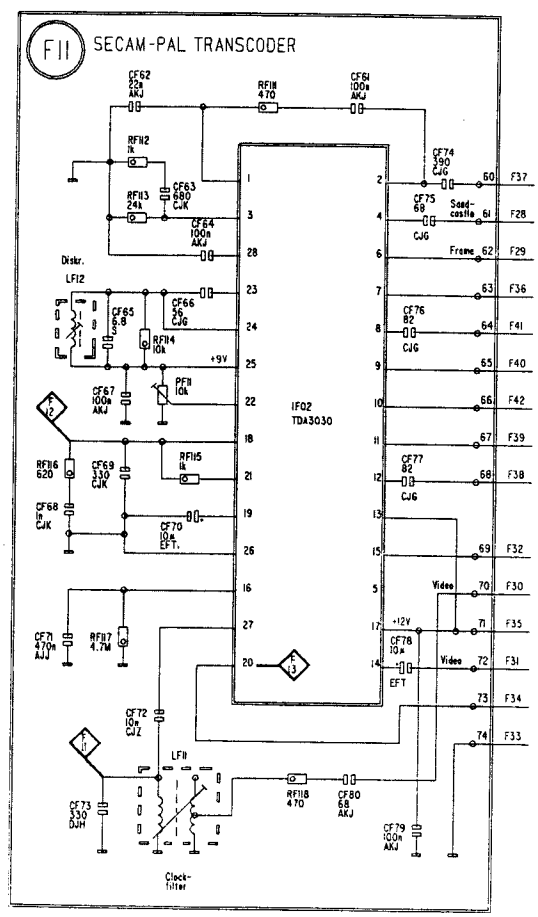

F1
COLOURDECODER
XF1
XF2
Frame
Sand castle
Beam lim.
+12V
Brightn.
Contrast
Colour
Video pos
+205V
Fast blanking
R
G
0V p-p

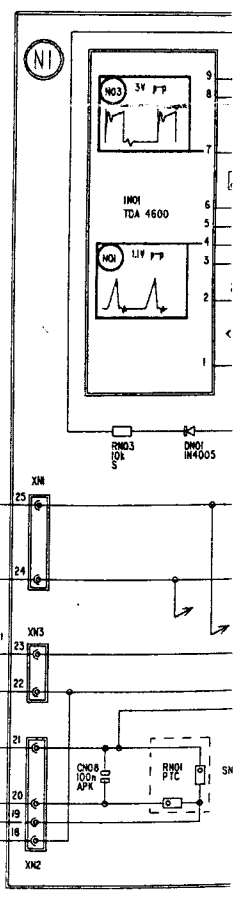

ON MODULE STEREO
Rch
LOUDSPEAKER
Lch
AMPL REC.OUTPUT
TAPE
AUX
VIDEO
MONO
TV
AUX
RGB-OPTION
RGB

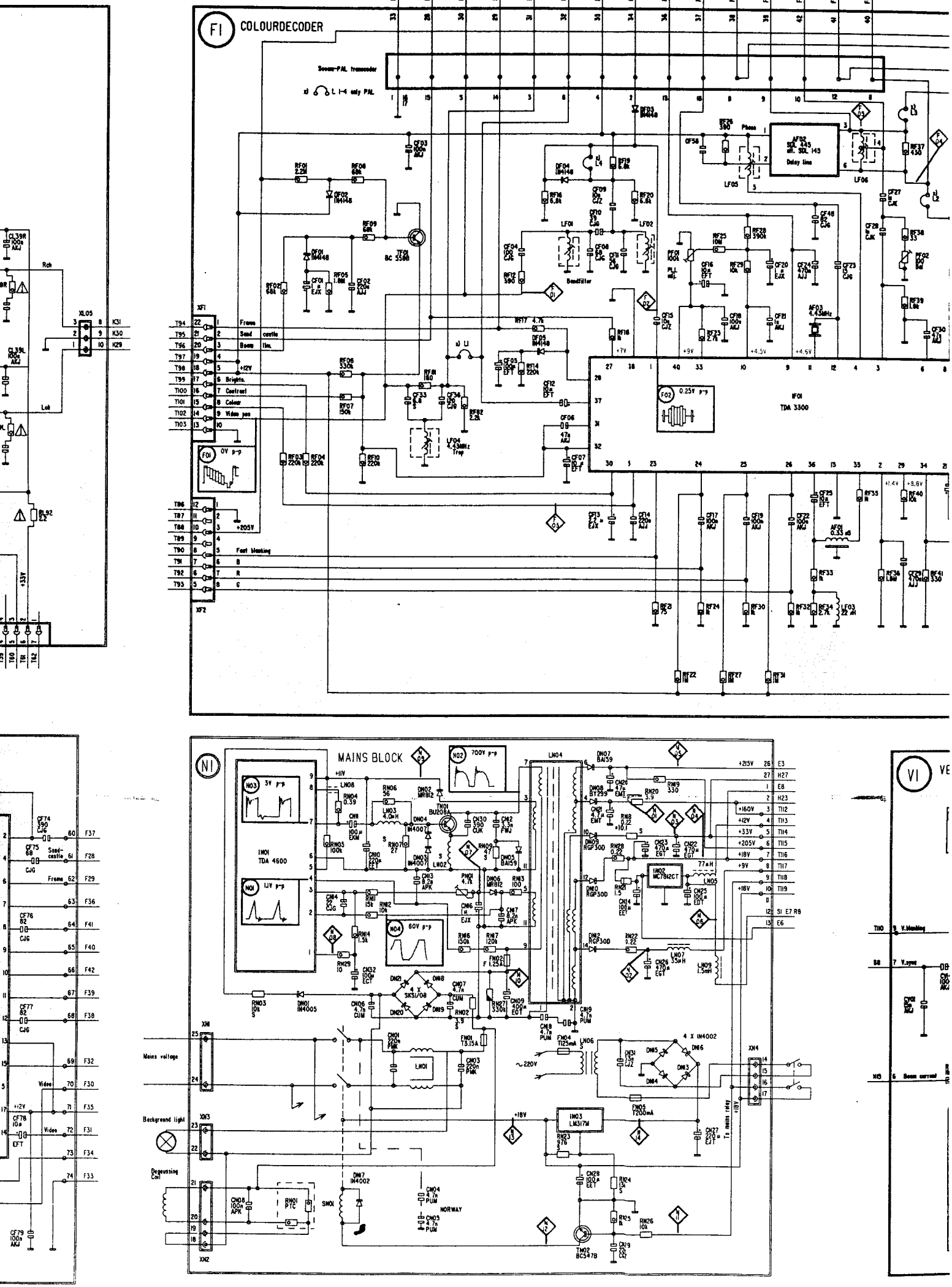

K4
PHONE MODULE STEREO
XK5I
Loudsp. switch
Headphone

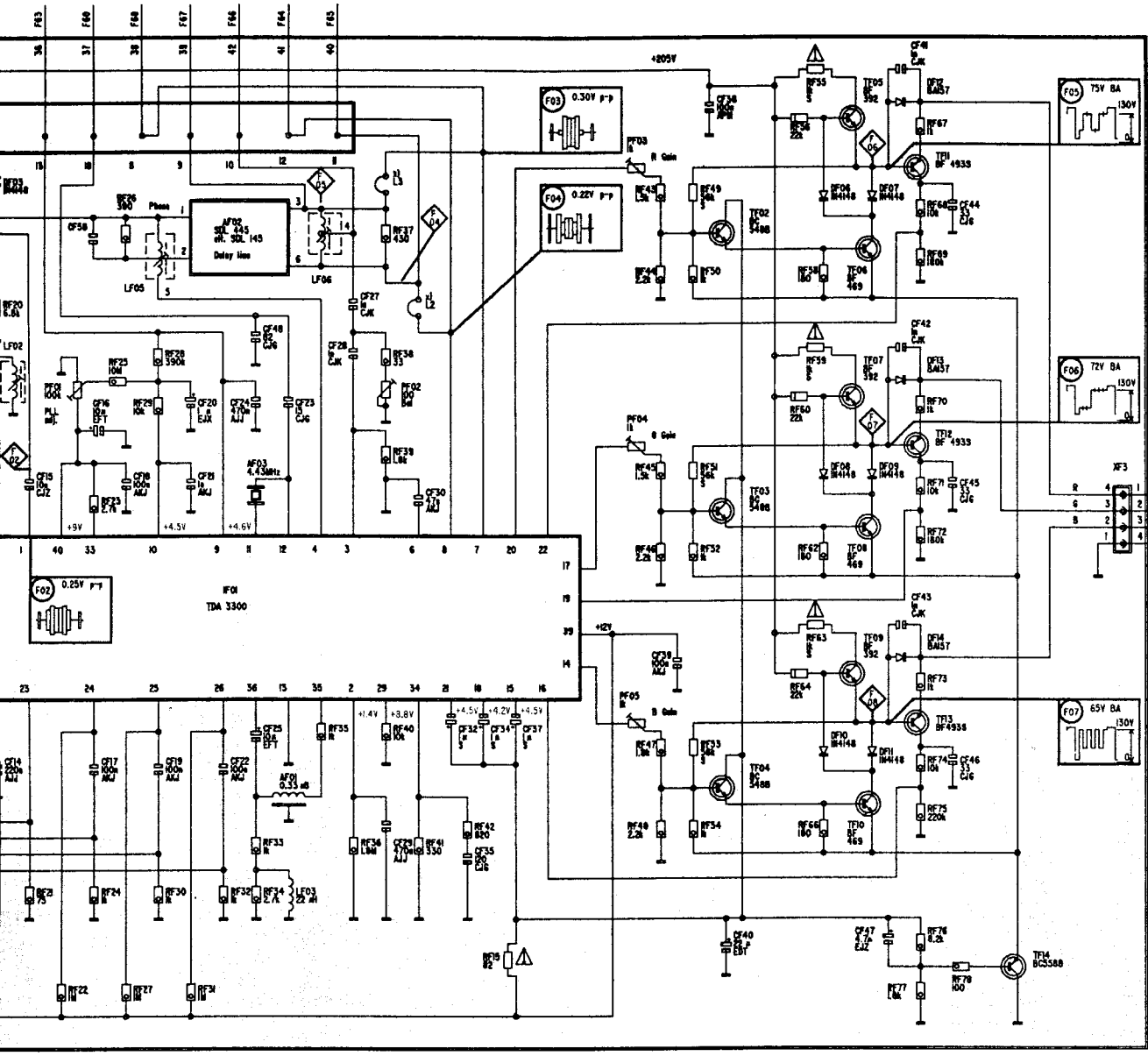

K2
PHONE MODULE MONO
XK5I
Loudspeaker switch
Headphone

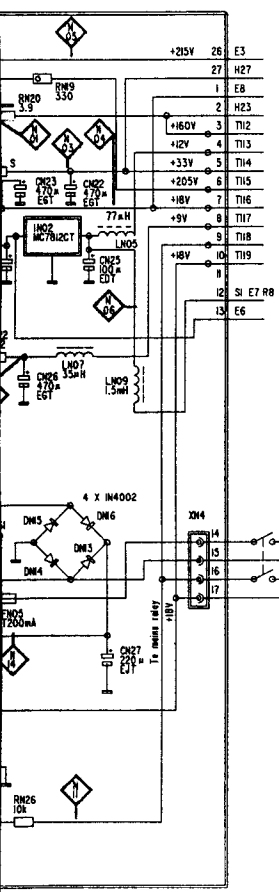

W2
DUMMY RGB
XM1

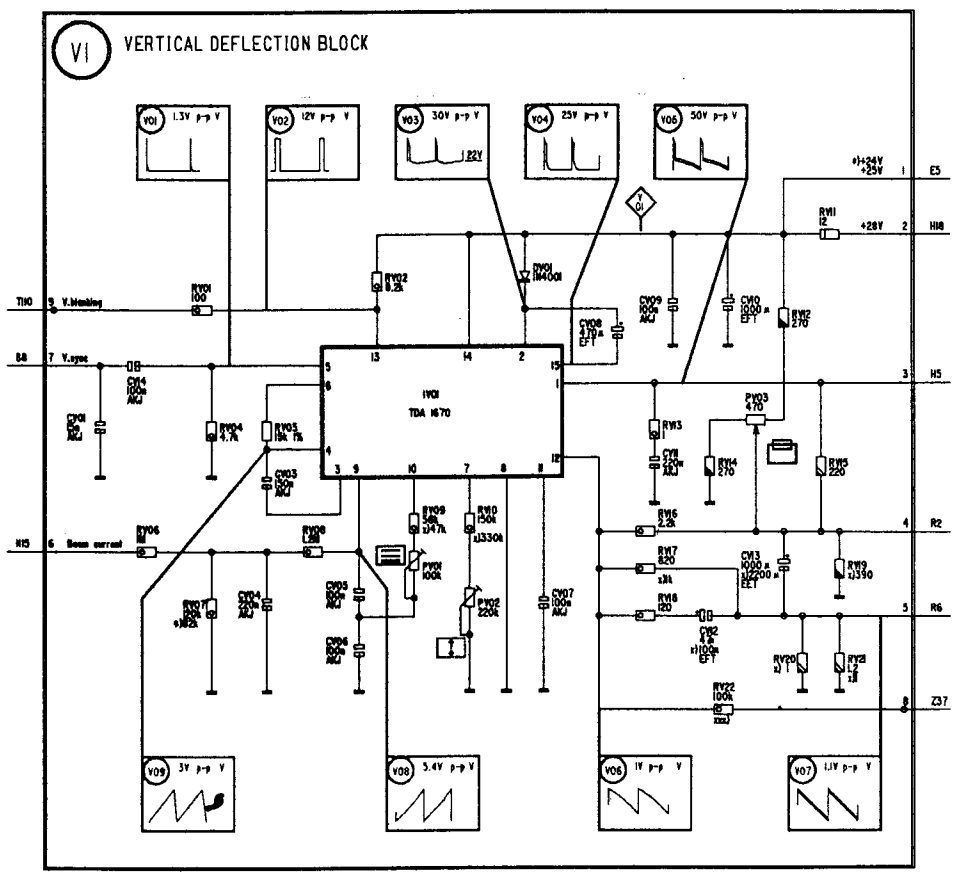

F11
SECAM-PAL TRANSCODER
IF02
TDA3030
Diskr.
LF11
LF11
Clock-filter

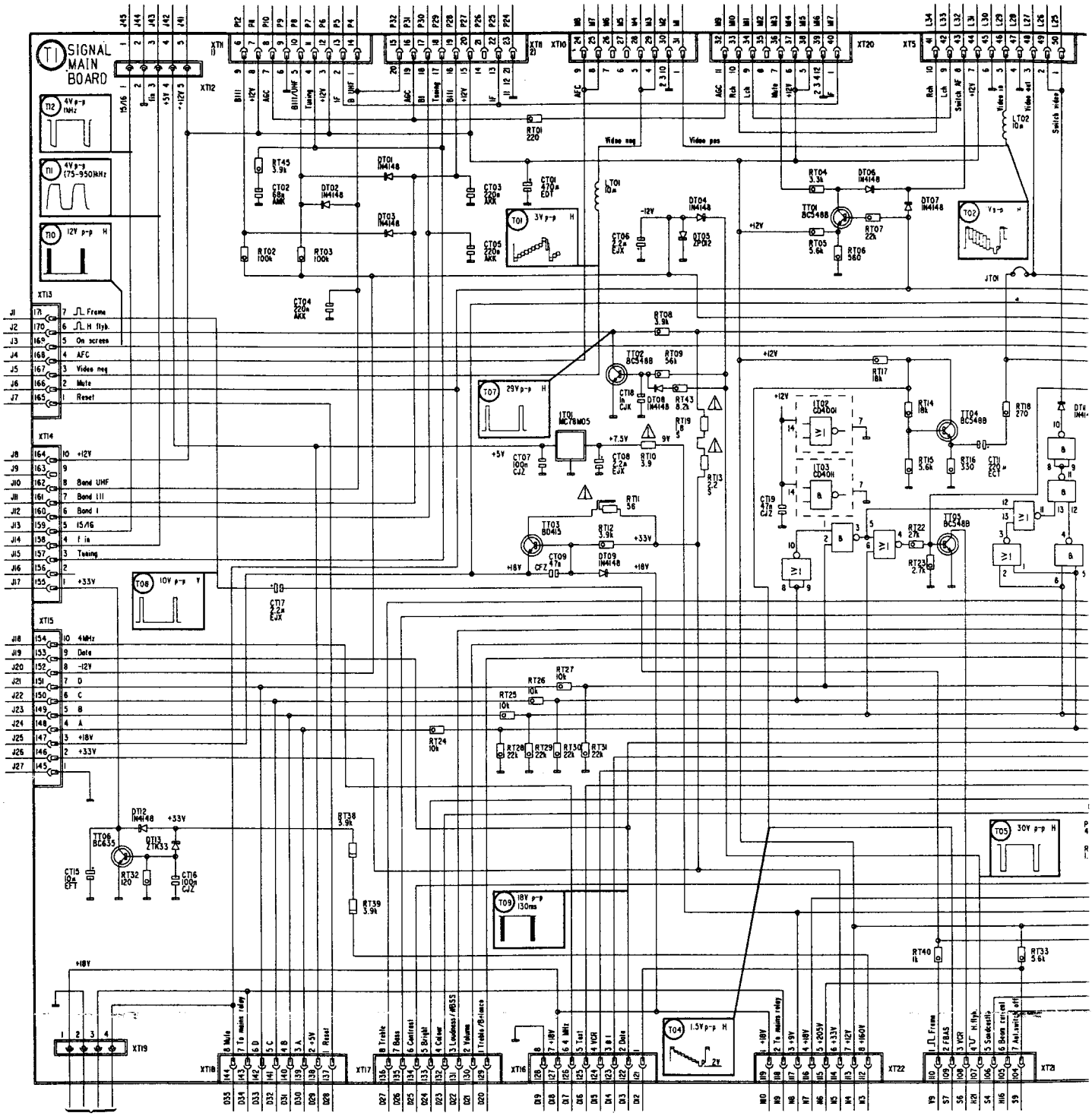

N1
IN01
TDA 4600
Mains voltage
Background light
Degaussing Coil
XN1
XN2
XN3

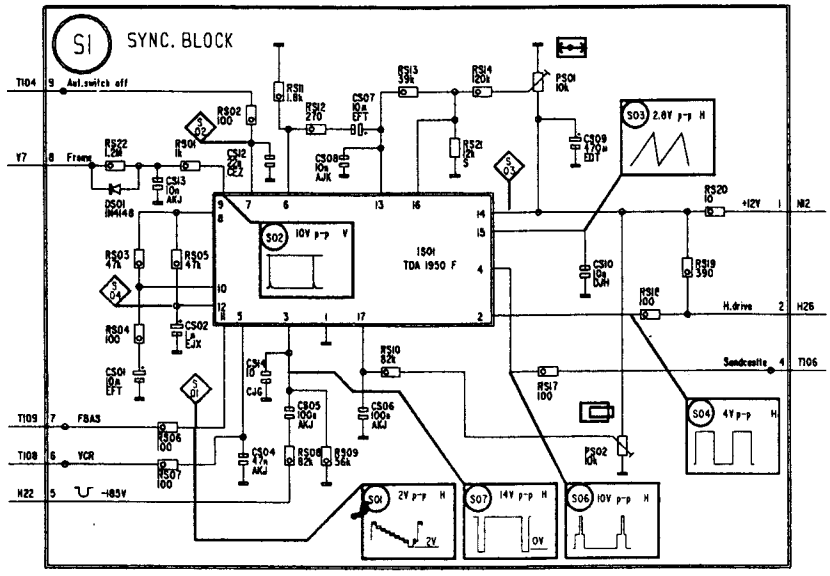

F1
COLOURDECODER
Secam-PAL transcoder
L 1-4 only PAL
XF1
XF2
IF01
TDA 3300
Bandfilter
Delay line
BC 558B
Frame
Sand castle
Beam lim.
+12V
Bright.
Contrast
Colour
Video pos
+205V
Fast blanking
B
R
G
0V p-p
0.25V p-p
4.43MHz
N1
MAINS BLOCK
TDA 4600
3V p-p
11V p-p
700V p-p
60V p-p
4 X SKSI/08
4 X IN4002
Mains voltage
Background light
Degaussing Coil
NORWAY
To mains relay
+18V
+215V
+160V
+12V
+33V
+205V
+18V
+9V
+18V
V1
XL05
Rch
Lch
+33V

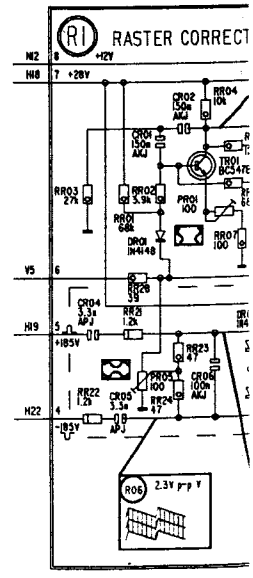


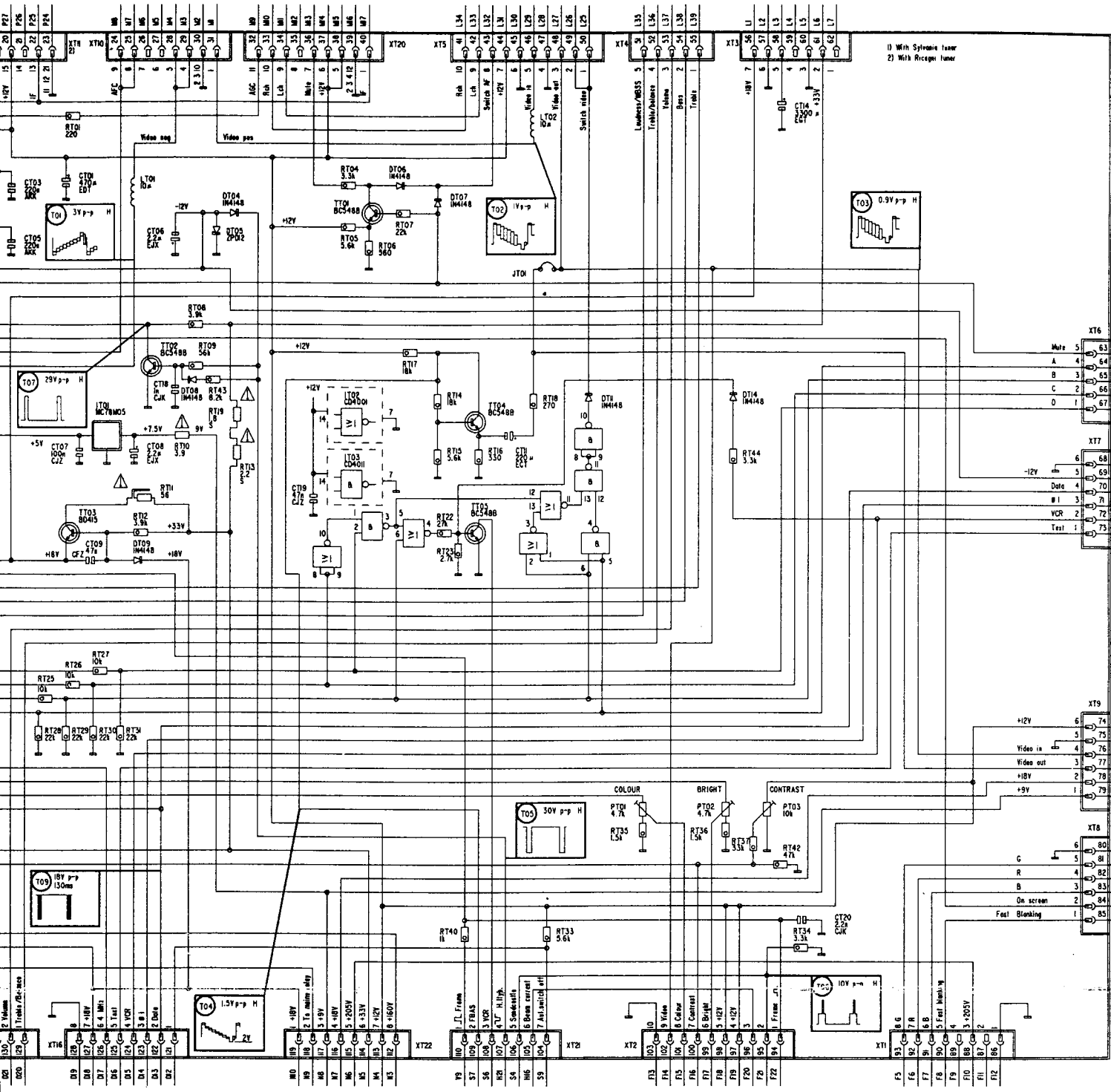


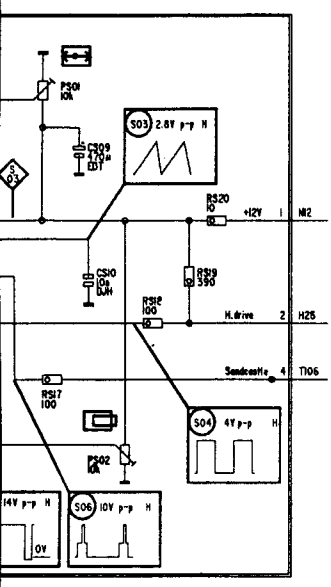

VI
VERTICAL DEFLECTION BLOCK
TDA 1670

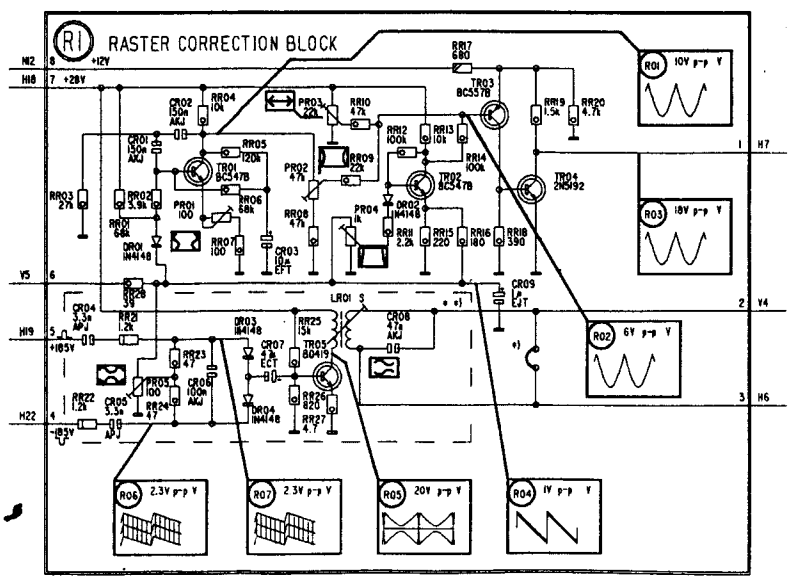

T1 SIGNAL MAIN BOARD
XT1 XT2 XT3 XT4 XT5 XT6 XT7 XT8 XT9 XT10 XT11 XT12 XT13 XT14 XT15 XT16 XT17 XT18 XT19 XT20 XT21 XT22
T2 4V p-p 1MHz
T3 4V p-p (75-950)kHz
T10 12V p-p H
T01 3V p-p H
T02 Vs-p
T04 1.5V p-p H
T05 30V p-p H
T07 29V p-p H
T08 10V p-p V
T09 18V p-p 130ns
TT01 BC548B
TT02 BC548B
TT03 BC548B
TT04 BC548B
TT05 BD415
TT06 BC635
TT07 BC548B
IT01 MC78M05
DT01 IN4148
DT02 IN4148
DT03 IN4148
DT04 IN4148
DT05 ZPD12
DT06 IN4148
DT07 IN4148
DT08 IN4148
DT09 IN4148
DT12 IN4148
DT13 21K33
LT01 10u
LT02 10u
JT01
SERVICEKONTAKT
SERVICE-CONNECTOR
SERVICE-KONTAKT

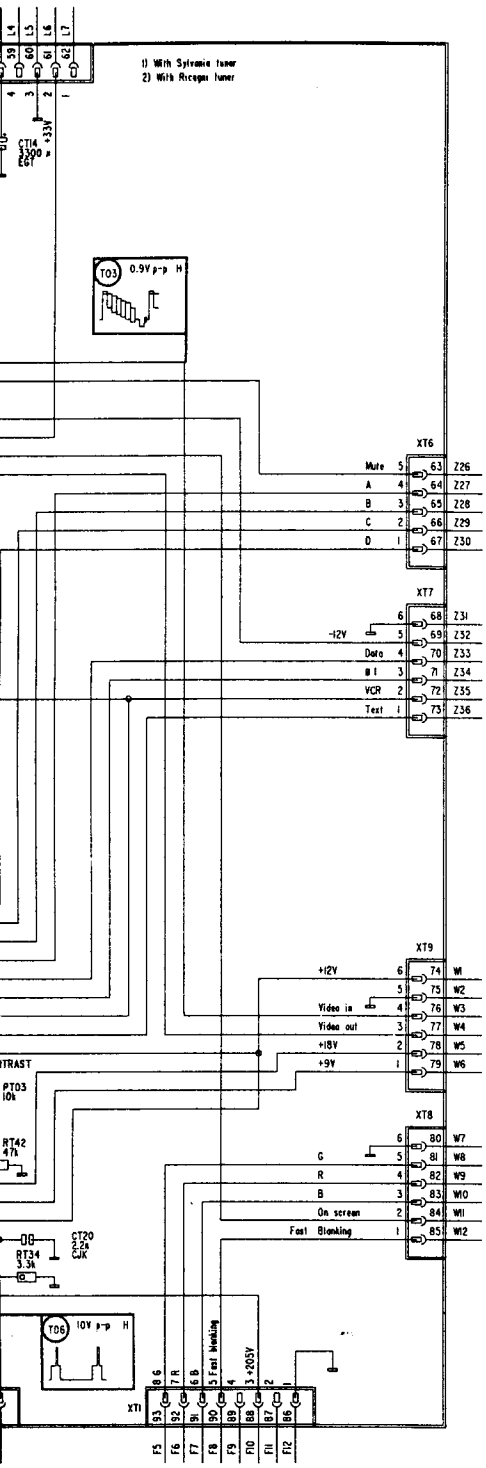

S1 SYNC. BLOCK
S01 2V p-p H
S02 10V p-p V
S03 2.8V p-p H
S04 4V p-p H
S05 14V p-p H
S06 10V p-p H
IS01 TDA 1950 F

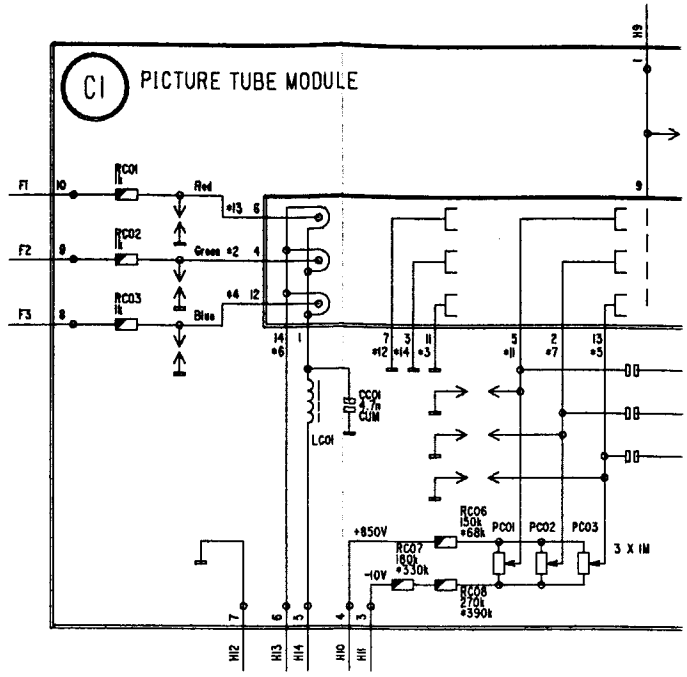

R1 RASTER CORRECT
R06 2.3V p-p V

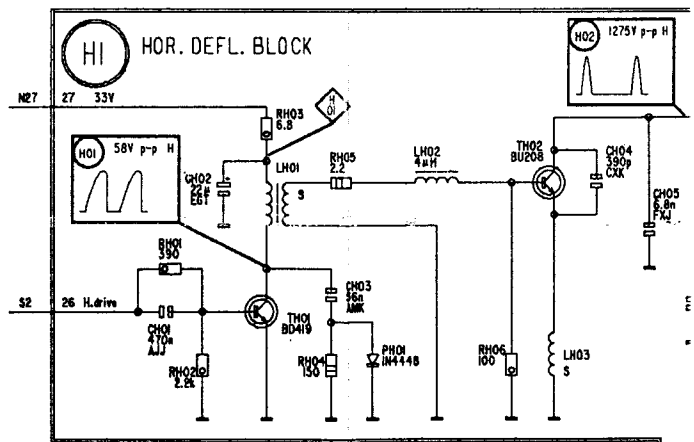

1) With Sylvania tuner
2) With Ricagni tuner
XT6
XT7
XT9
XT8
XT16
XT22
XT21
XT2
XT1
COLOUR
BRIGHT
CONTRAST

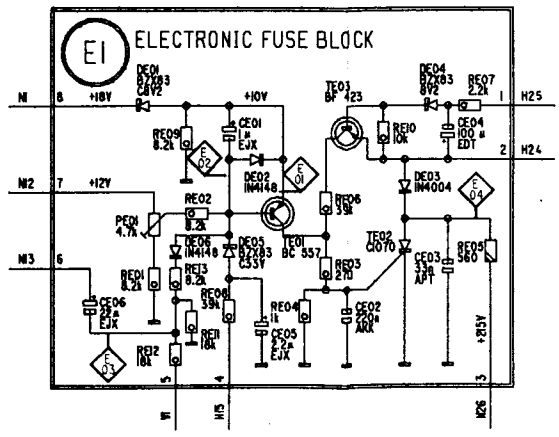

S03 2.8V p-p H
S04 4V p-p H
S06 10V p-p H
H.drive

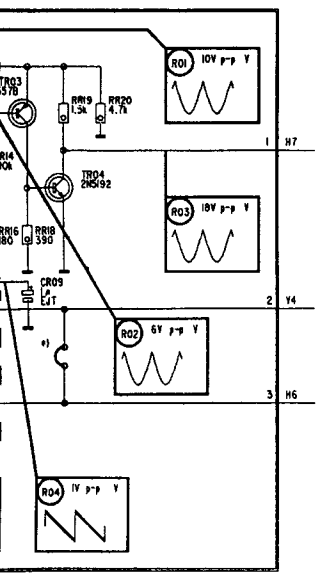

RASTER CORRECTION BLOCK
R01 10V p-p V
R02 6V p-p V
R03 18V p-p V
R04 1V p-p V
R05 20V p-p V
R06 2.3V p-p V
R07 2.3V p-p V

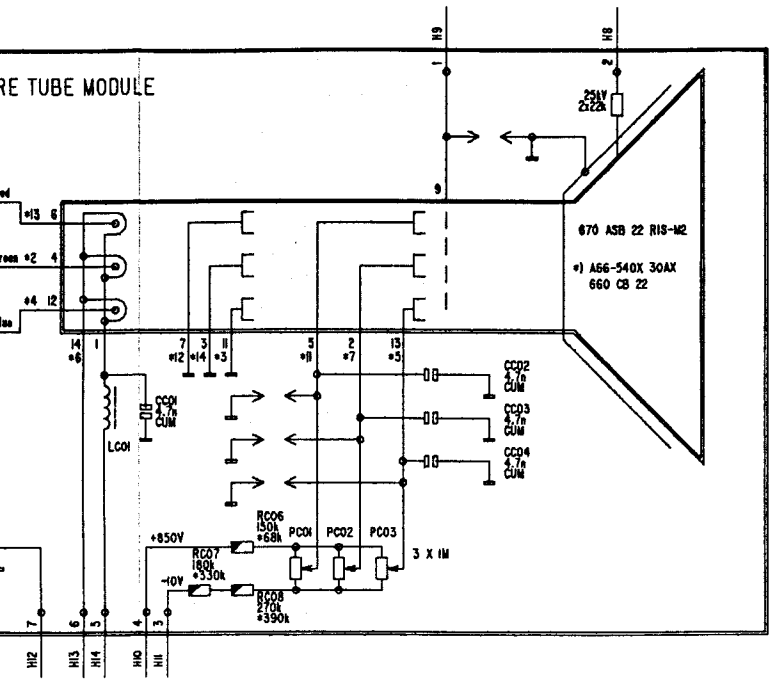

1) With Sylvania tuner
2) With Alcatel tuner
XT6
XT7
XT9
XT8
XT1
Mute
A
B
C
D
Data
VCR
Text
+12V
Video in
Video out
+18V
+9V
On screen
Fast Blanking
+205V


C1
PICTURE TUBE MODULE
Red
Green
Blue
+850V
-10V
3 X 1M

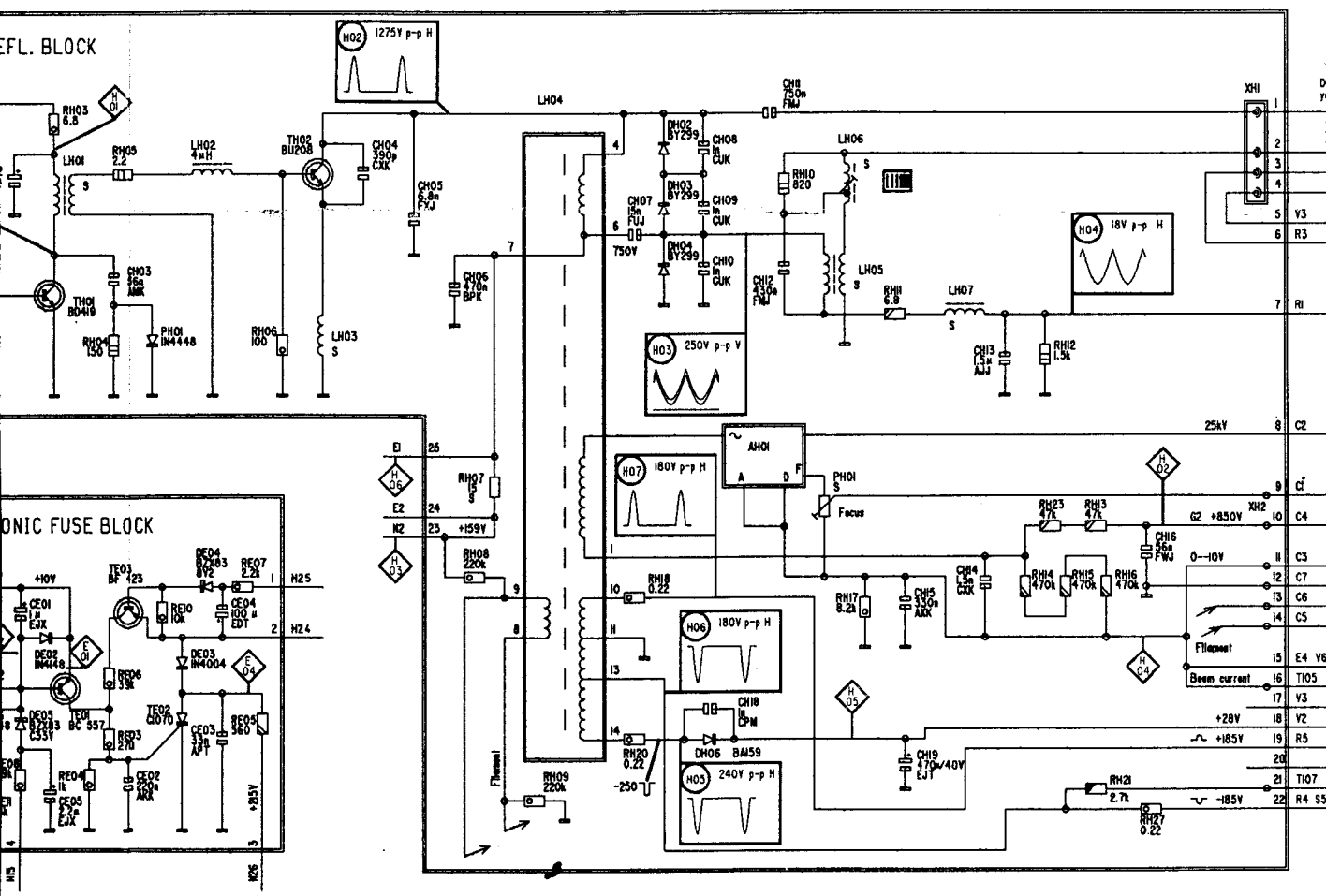

H1
HOR. DEFL. BLOCK
58V p-p H
1275V p-p H
33V
H.drive

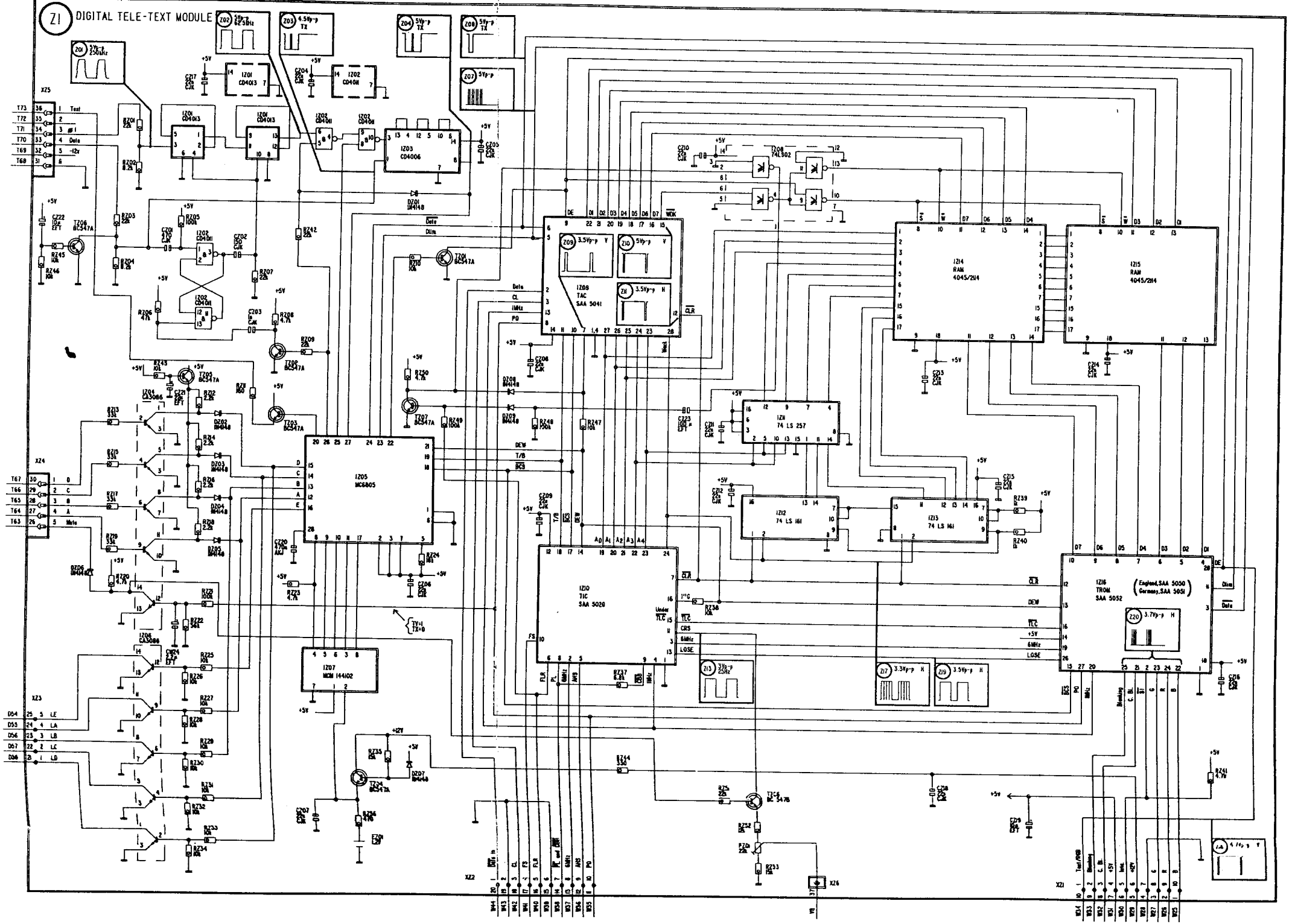

E1
ELECTRONIC FUSE BLOCK
+18V
+10V
+12V

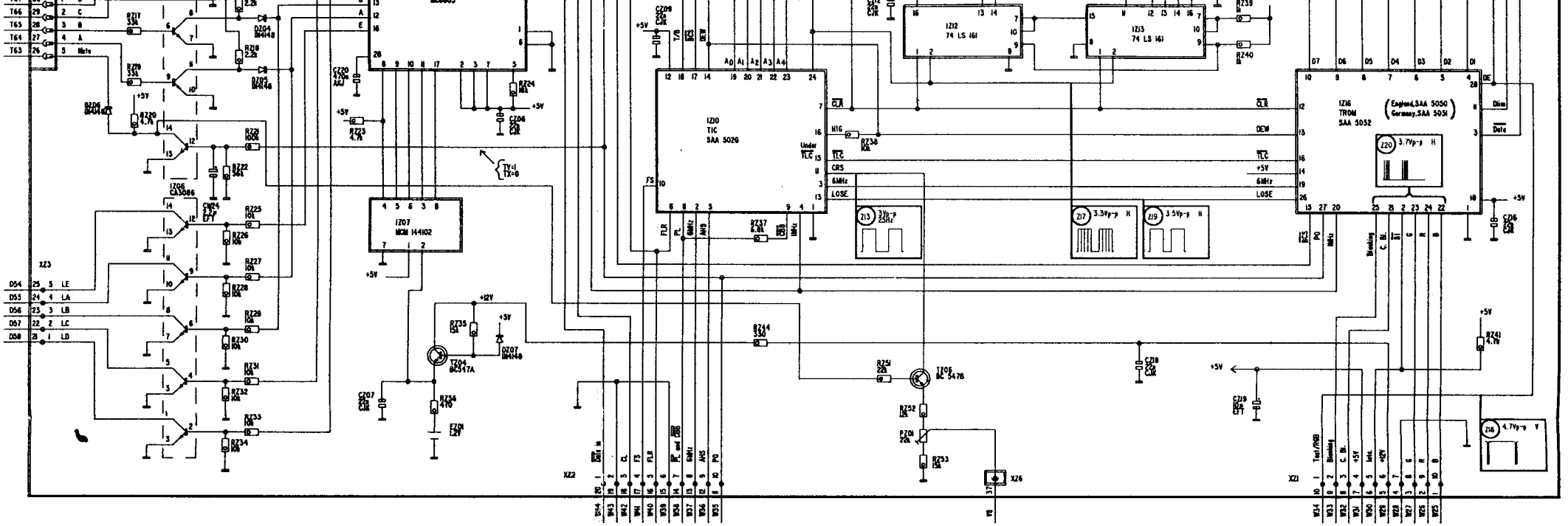

R01
10V p-p V
R03
18V p-p V
R02
6V p-p V
R04
1V p-p V

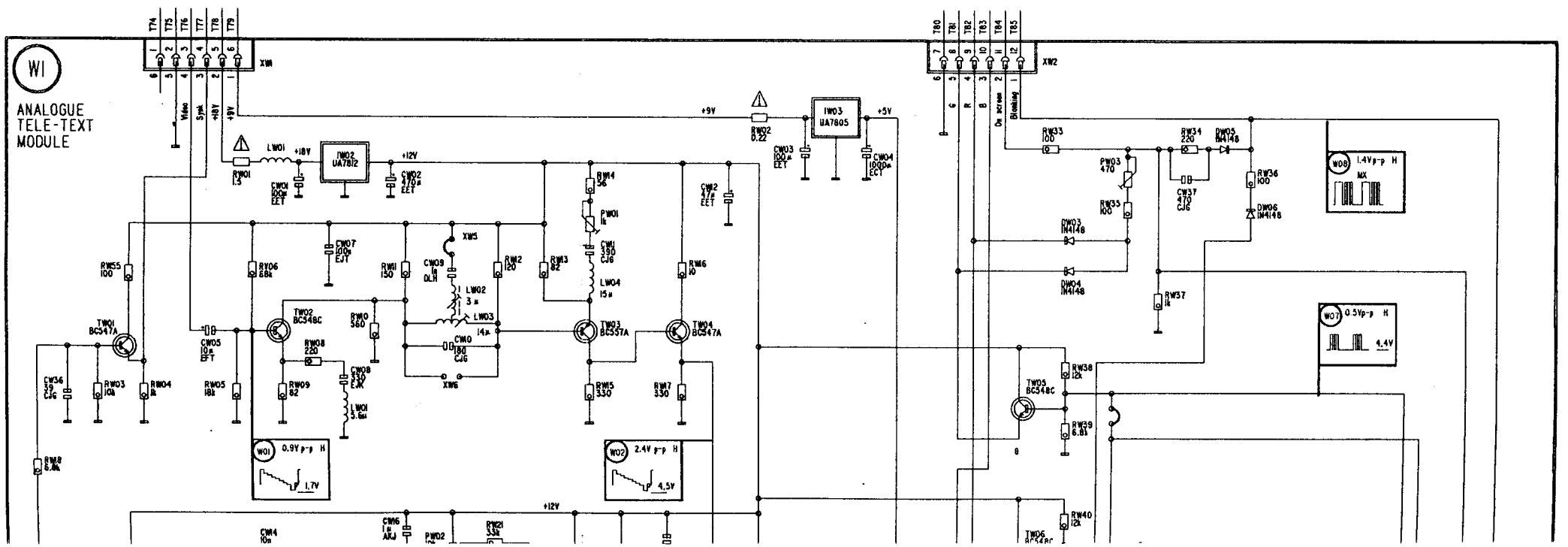


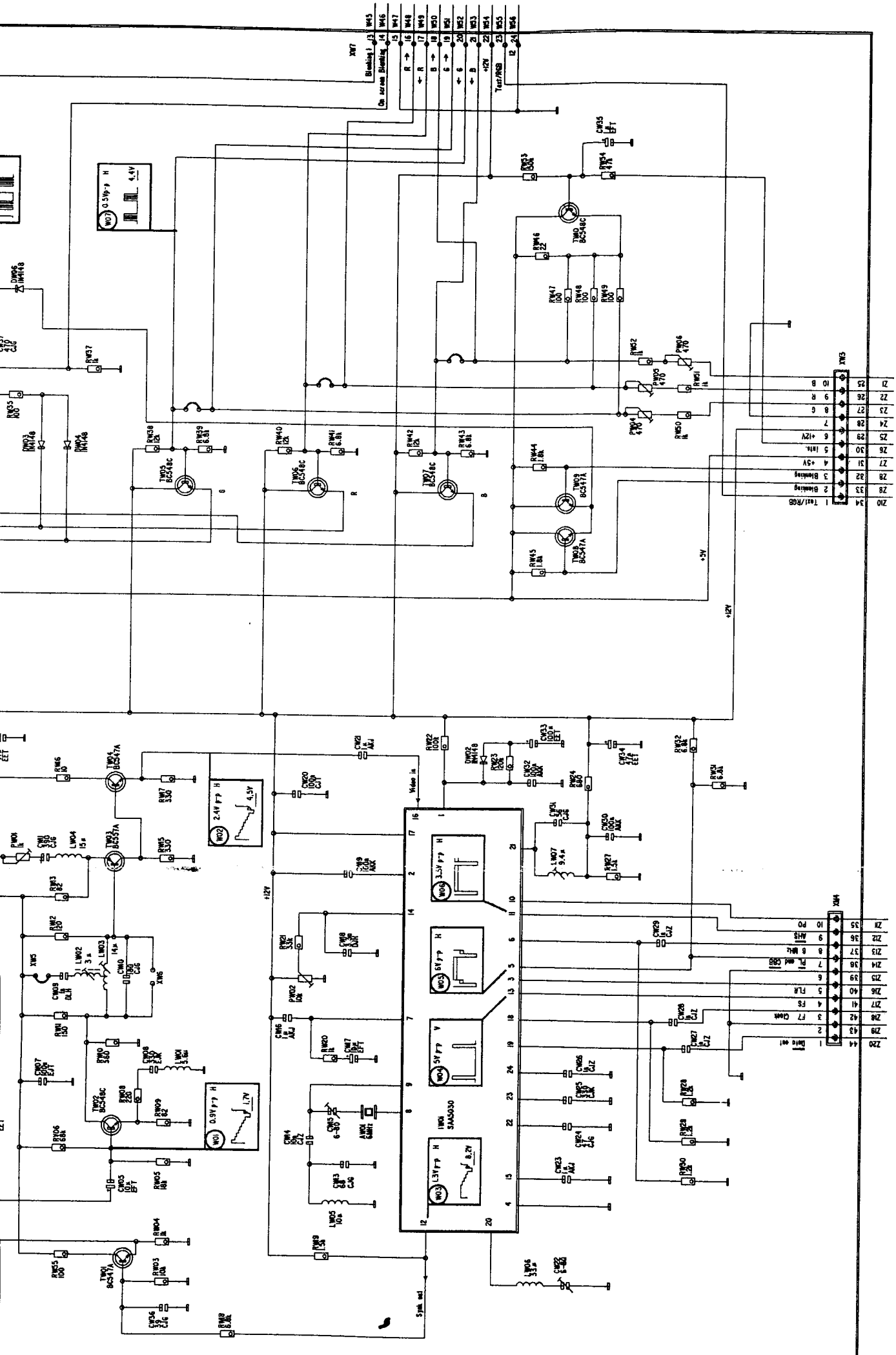
*) Additional in 6615, 6618
**) Removed in 6615, 6618
***) Additional in 6615, 6719

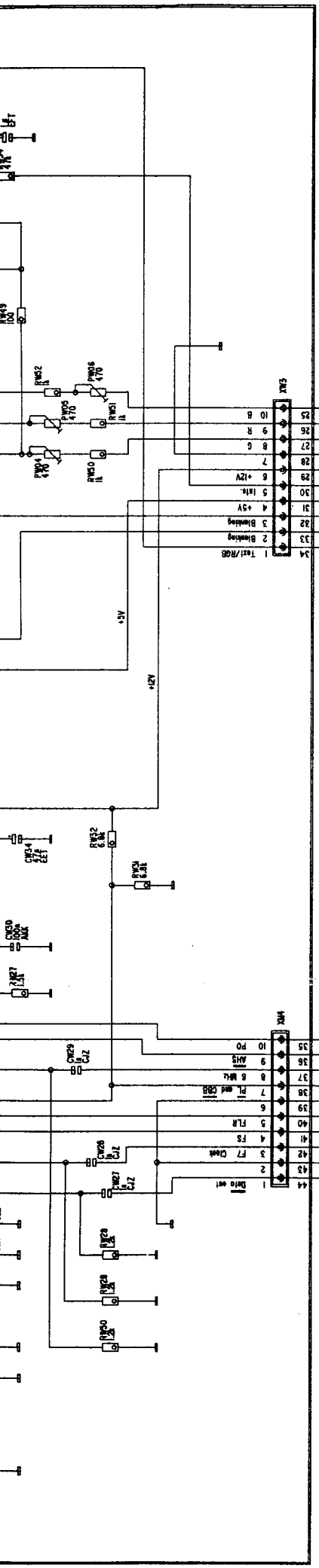


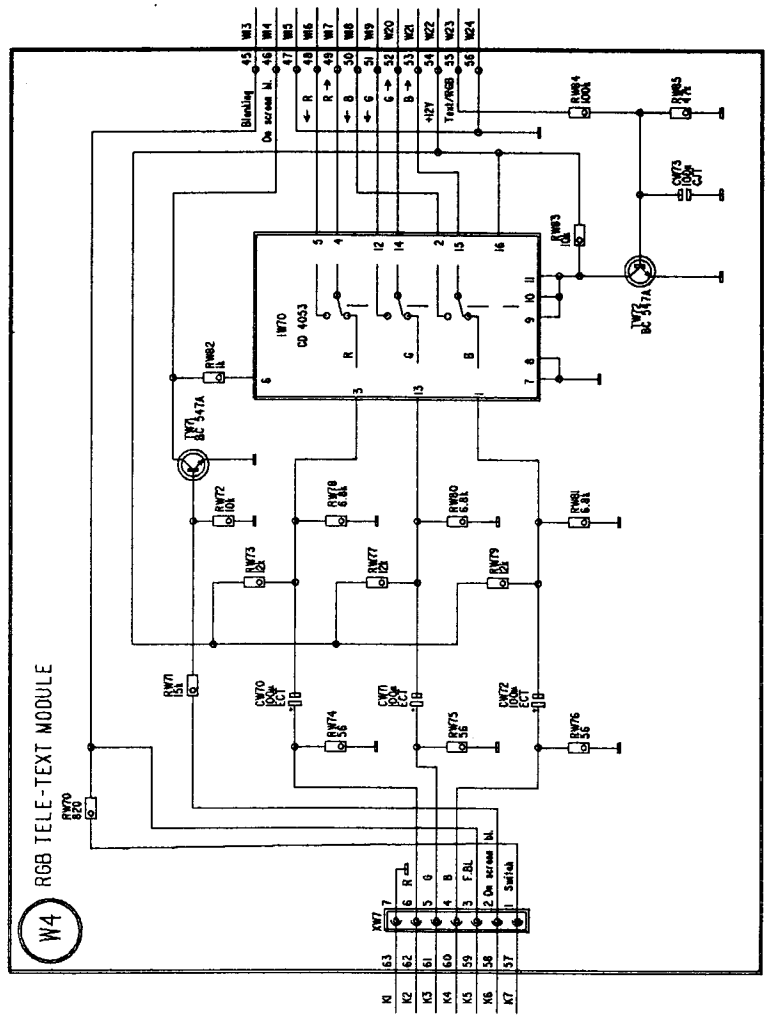

Z1 DIGITAL TELE-TEXT MODULE
IZ01 CD4013
IZ02 CD4011
IZ03 CD4006
IZ04 74LS02
IZ05 MC6805
IZ06 CA3086
IZ07 MOM 144102
IZ08 TAC SAA 5041
IZ09 TIC SAA 5020
IZ10 TROM SAA 5052
IZ11 74 LS 257
IZ12 74 LS 161
IZ13 74 LS 161
IZ14 RAM 4045/2114
IZ15 RAM 4045/2114
IZ16 TROM (England,SAA 5050 Germany,SAA 5051)
X21
X22
X23
X24
X25
X26

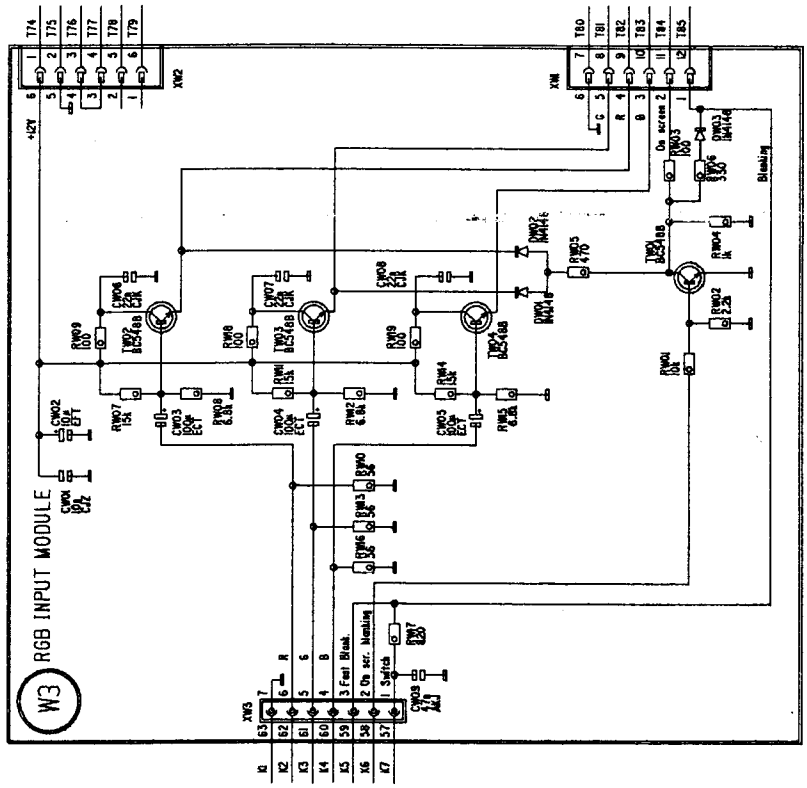



W1
ANALOGUE
TELE-TEXT
MODULE

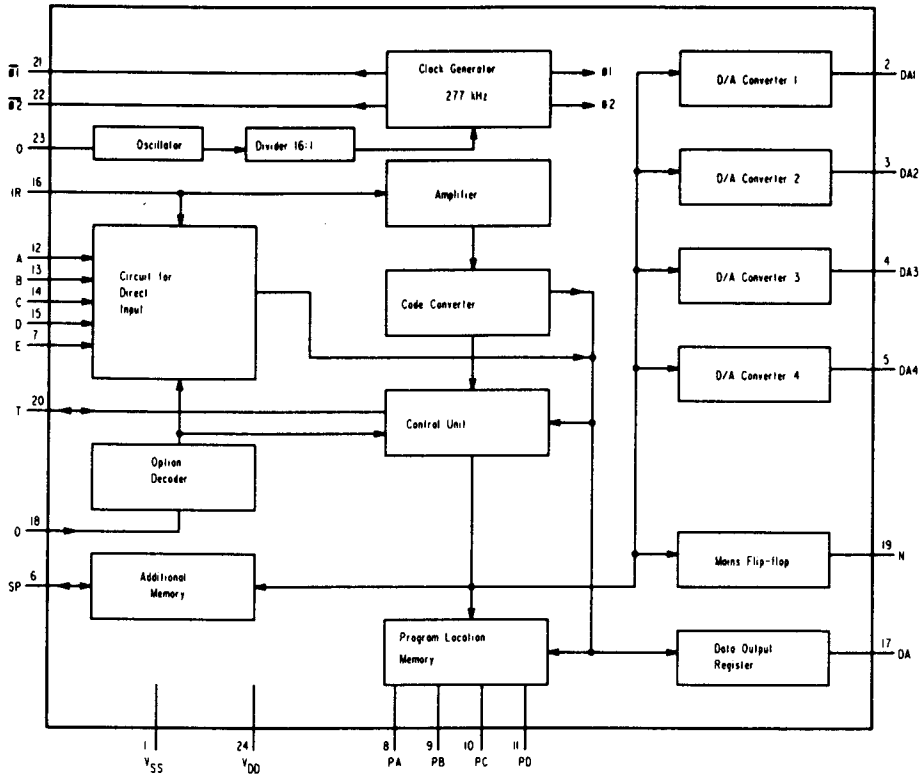




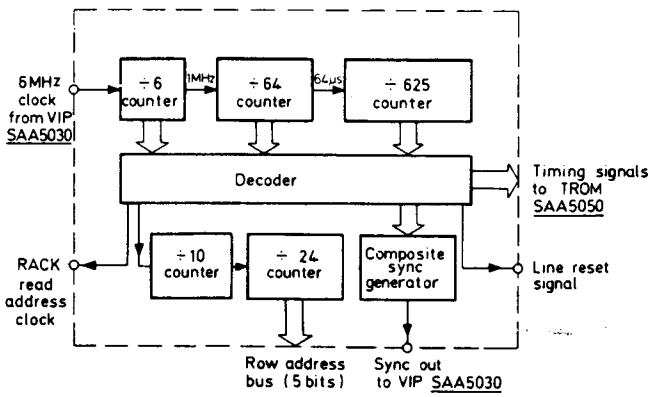

W4
RGB TELE-TEXT MODULE


W3
RGB INPUT MODULE

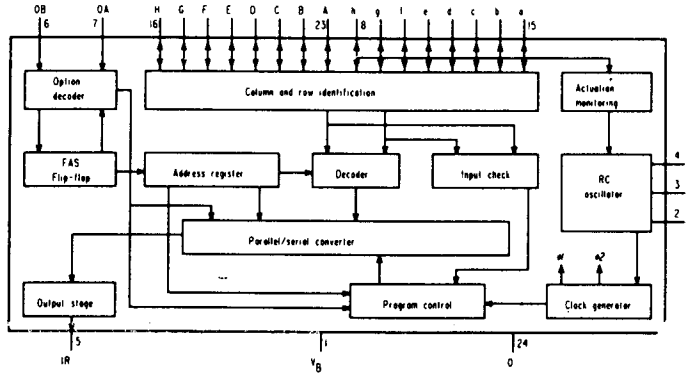
SAA 1251



SAA 5020

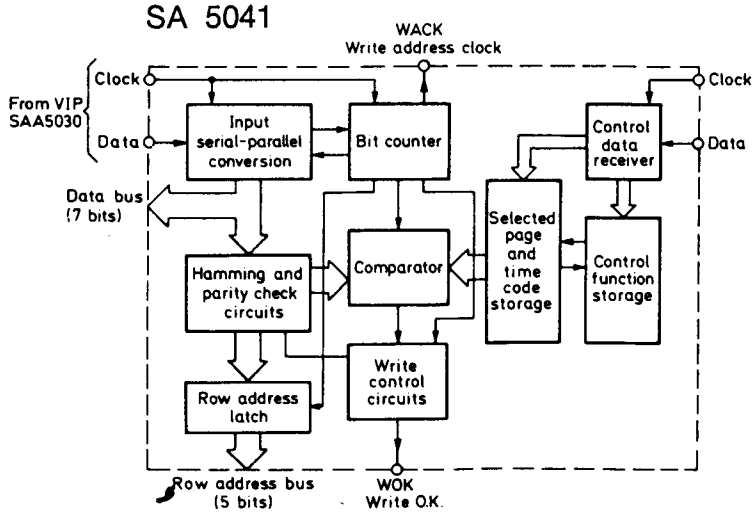


SAA 1250



Timing chain chip TIC

SA 5041



Teletext data acquisition and control chip TAC

TDA 3300

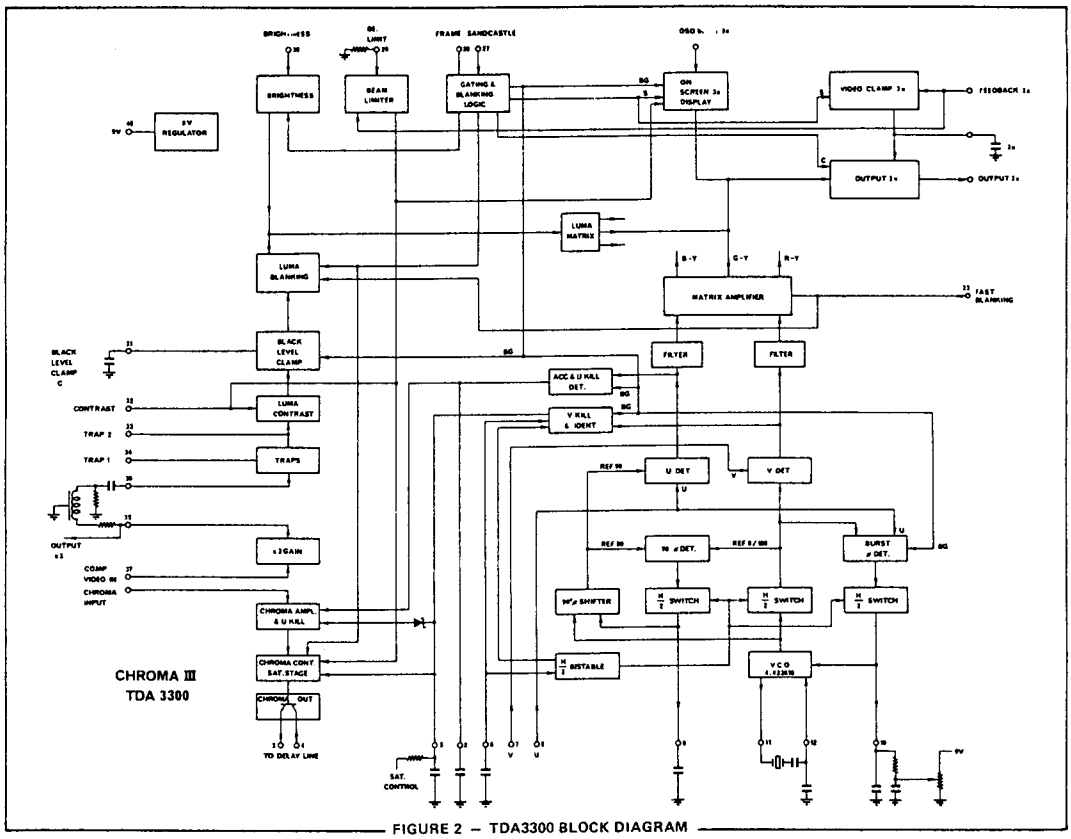
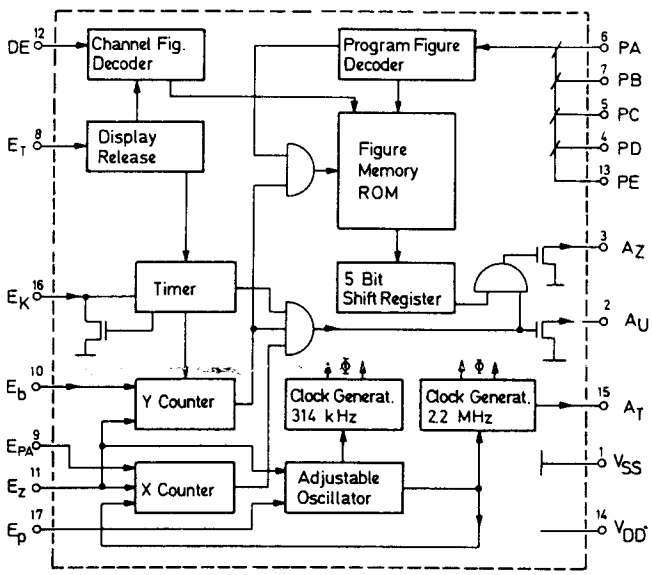
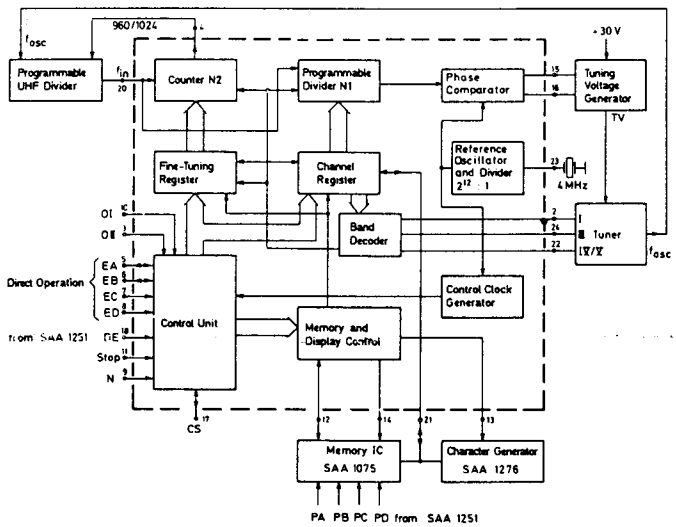


FIGURE 2 – TDA3300 BLOCK DIAGRAM

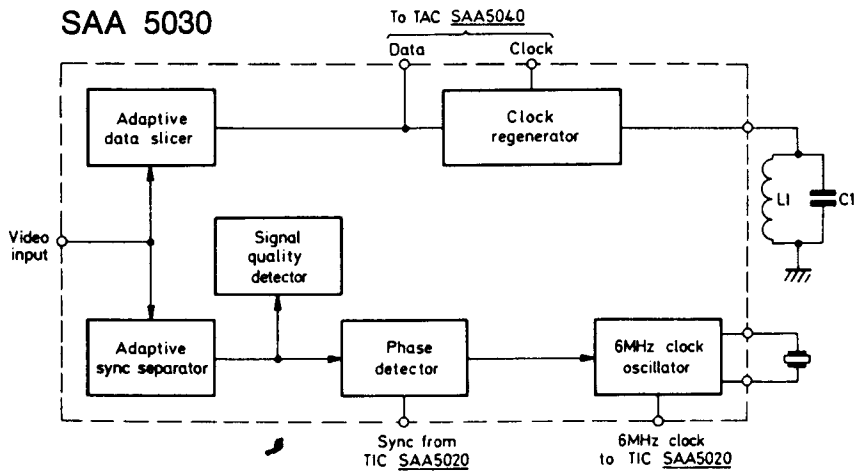
SAA 1276



SAA 1274

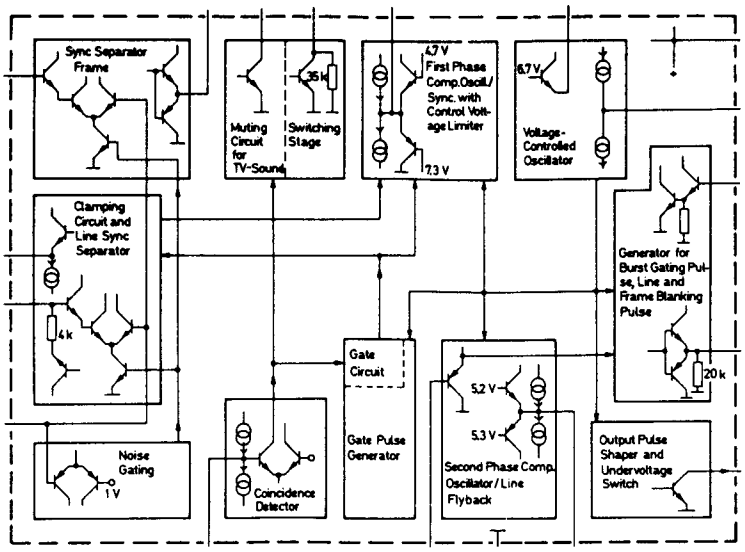


SAA 5030

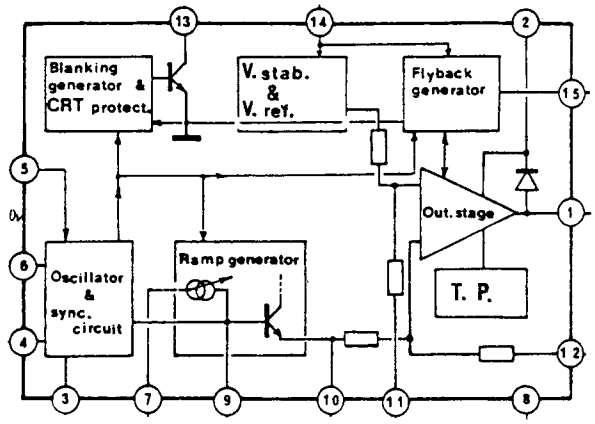


Video input processor chip VIP

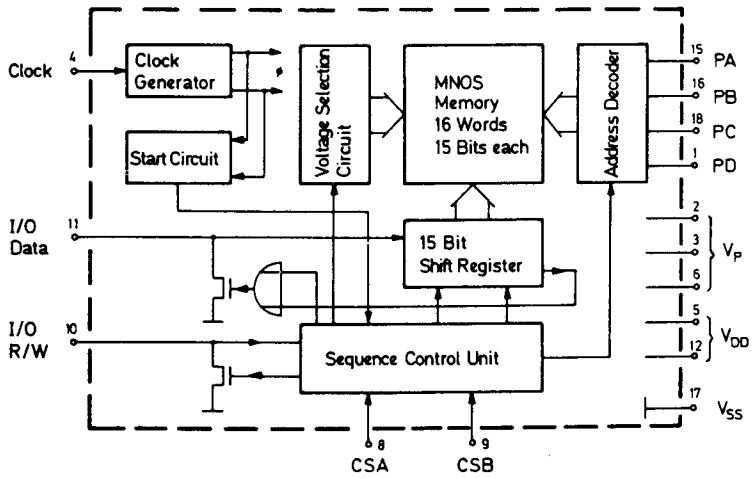
TDA 1950



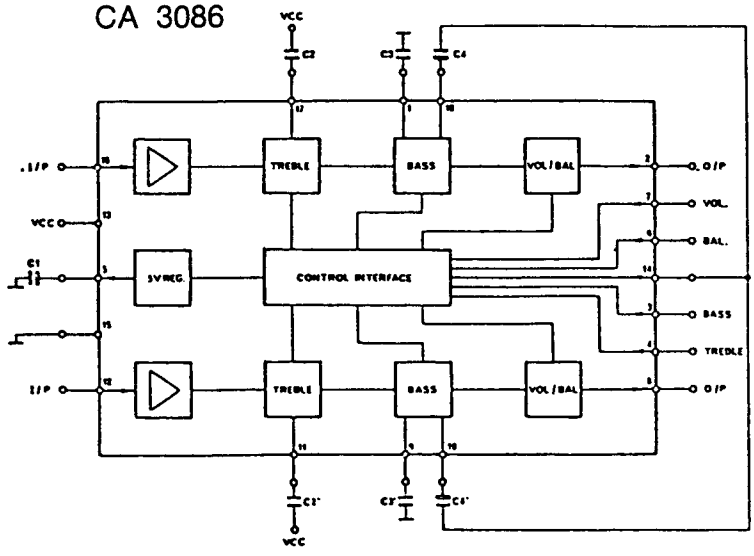
TDA 1670



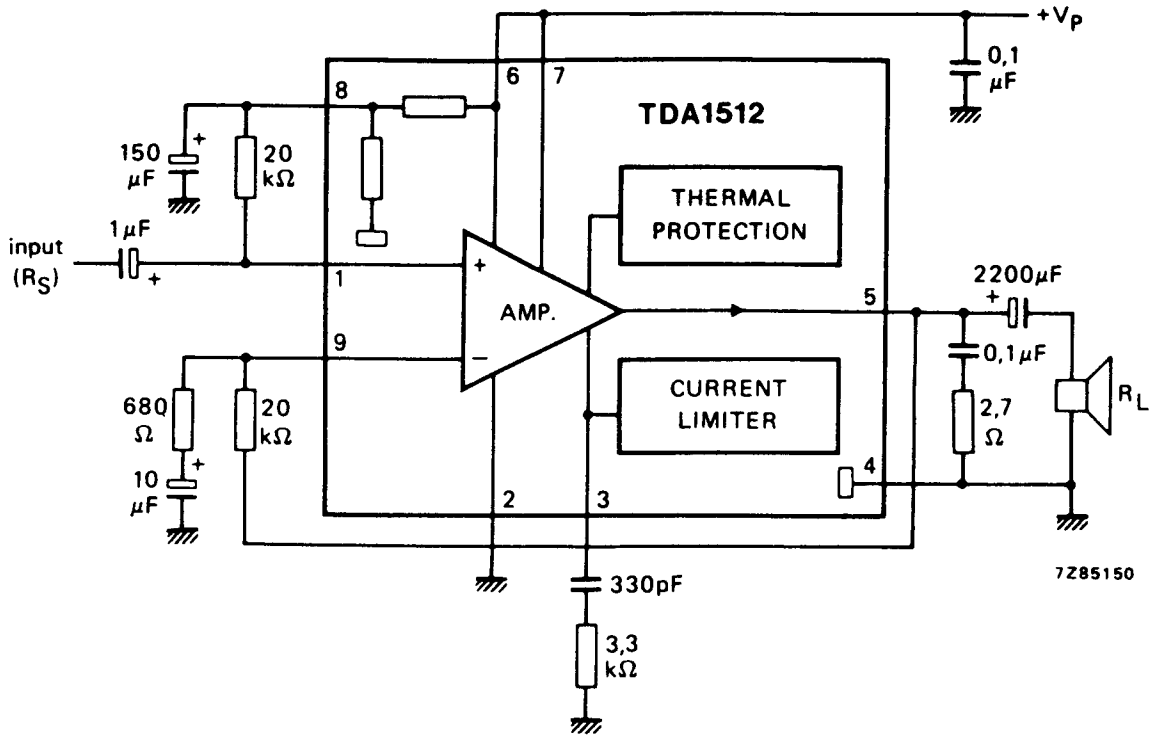
SAA 1075



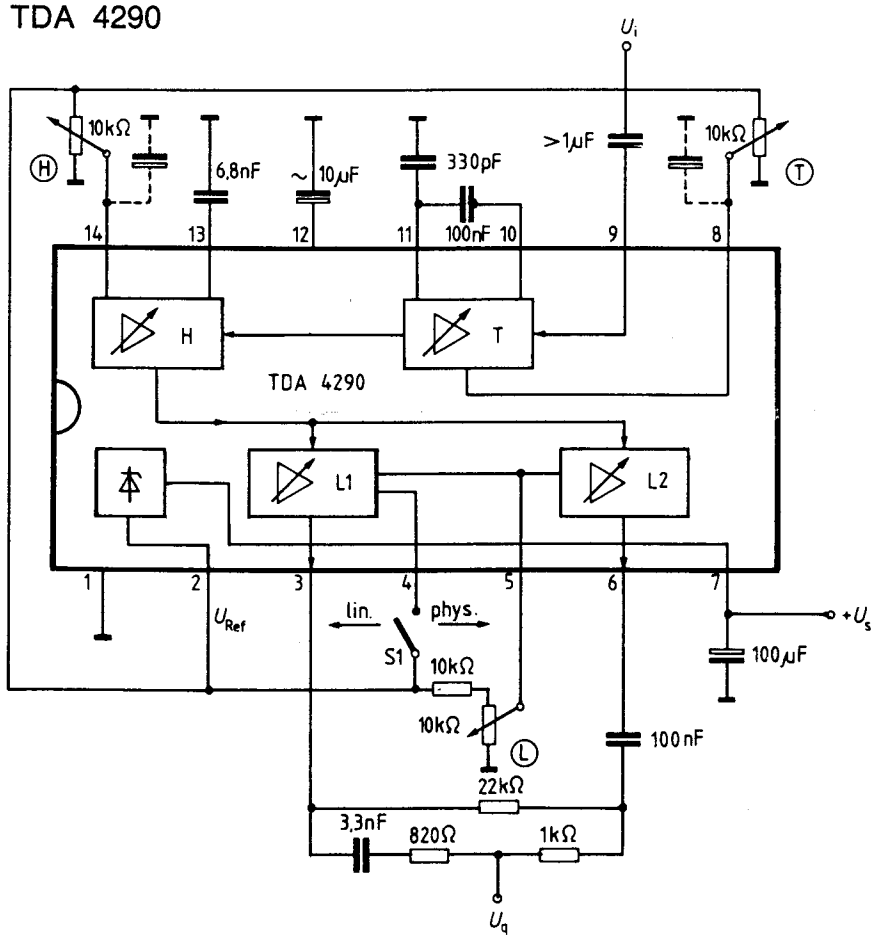
CA 3086



TDA 1512



TDA 4290



ORDLISTA	TRANSLATION OF TERMS	WORTLIST
Svenska Swedish Schwedisch	Engelska English Englisch	Tyska German Deutsch
Antenningång	Aerial input	Antennen-Eingang
Bandfilter	Band filter	Bandfilter
Bas	Bass	Bass
Strålström	Beam current	Strahlstrom
Strålbegränsning	Beam lin.	Strahlungsbegrenzung
Släckning för skärmsiffra	Blank on screen	Höschimpuls für die Bildschirm-Ziffer.
Avlänkningsenhet	Deflection yoke	Ablenkeinheit
Avmagnetiseringsslinga	Degaussing coil	Entmagnetisierungsspule
Snabbsläckning	Fast blank	Schnell-Löschung
Vertikal	Frame	Vertikal
Jord	Ground	Chassis
H.fly back	H.fly back	H.fly back
IR-ingång	IR-input	IR-Eingang
IR-utgång	IR-output	IR-Ausgang
Mute	Mute	Stumm
Siffra på skärmen	On screen	Ziffer aut dem Bildschirm
Osc. utgång	Osc. output	Osc.-Ausgang
Reset	Reset	Reset
Sandslott	Sand castle	Sand-Schloss
Sawfilter	Saw filter	Saw-Filter
Ljuddetektor	Sound detektor	NF-Detektor
Ljudkontroll	Sound control	Tonmisch
Ljudblandare	Sound mixer	Tonmischer
Ljudomkopplare	Sound switch	Tonumschalter
Omkopplare	Switch	Umschalter
Till nätrelä	To mains relay	Zum Netz-Relais
Fälla	Trap	Trap
Diskant	Treble	Diskant
Diskant fjärr	Treble remote	Diskant Fernsteur
Avstämning	Tuning	Abstimmung
Vert. släckning	Vert. blanking	Vert.-Löschung
Vert. synk	Vert sync.	Vert.-Synchr.
Videodetektor	Video detektor	Video-Detektor
Videoomkopplare	Video switch	Video-Umschalter